

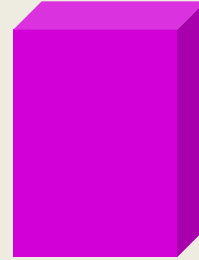
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Scrum: First Steps

What is Scrum, and is it right for my team?

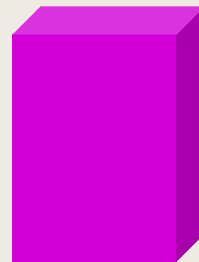
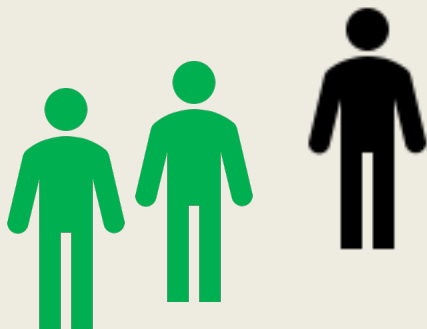
agility.im

Complex Product Delivery



I've got a product to build...

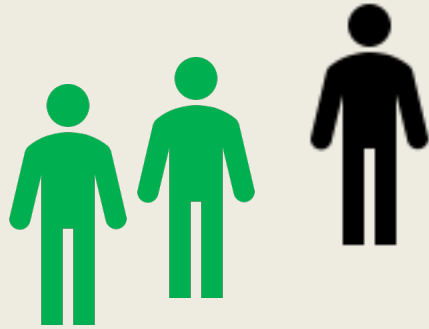
Complex Product Delivery



I've got a product to build...

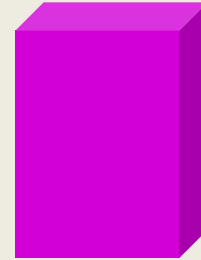
OK, what are the requirements?

Complex Product Delivery

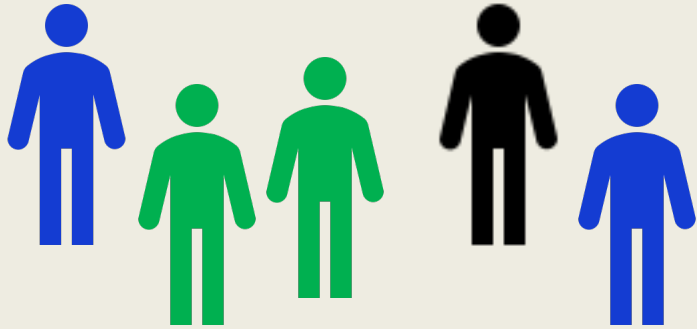


I've got a product to build...

OK, what are the requirements?

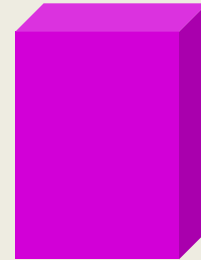


Complex Product Delivery

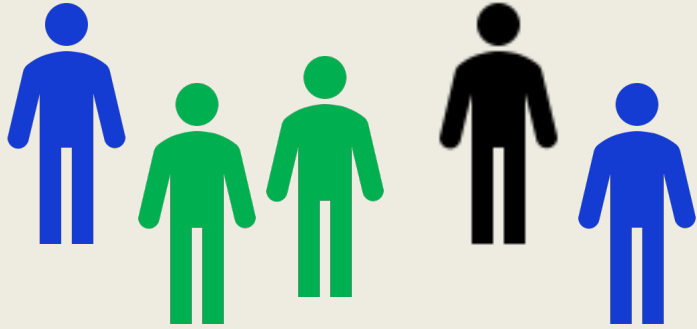


I've got a product to build...

That's all fine... How will we build it?

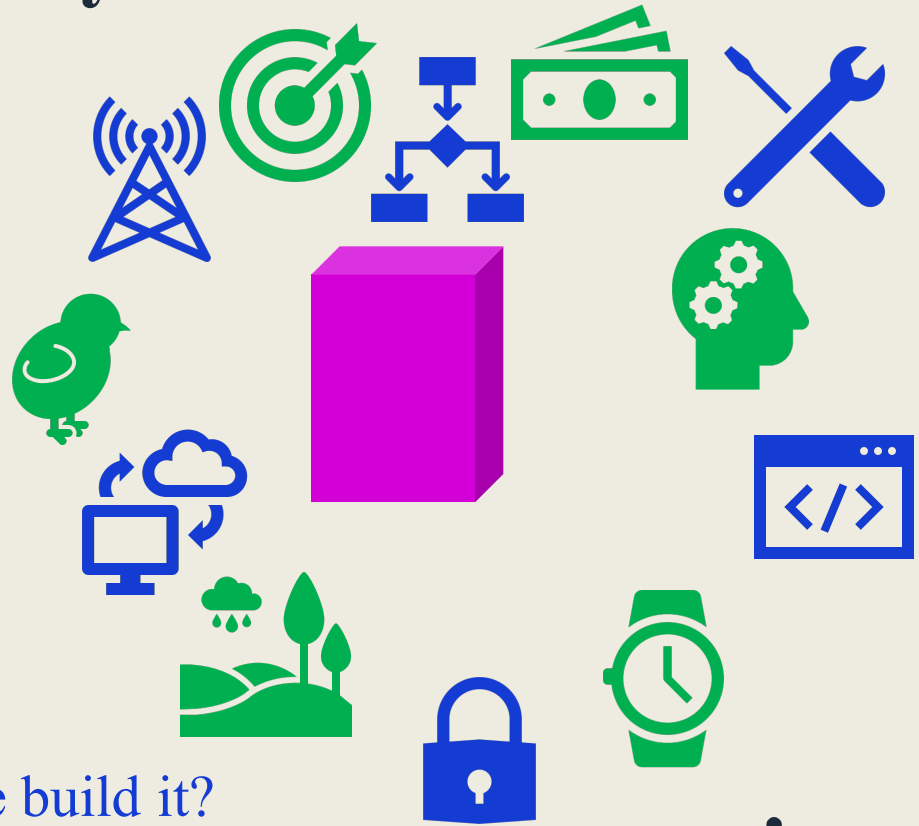


Complex Product Delivery



I've got a product to build...

That's all fine... How will we build it?



Complex Product Delivery



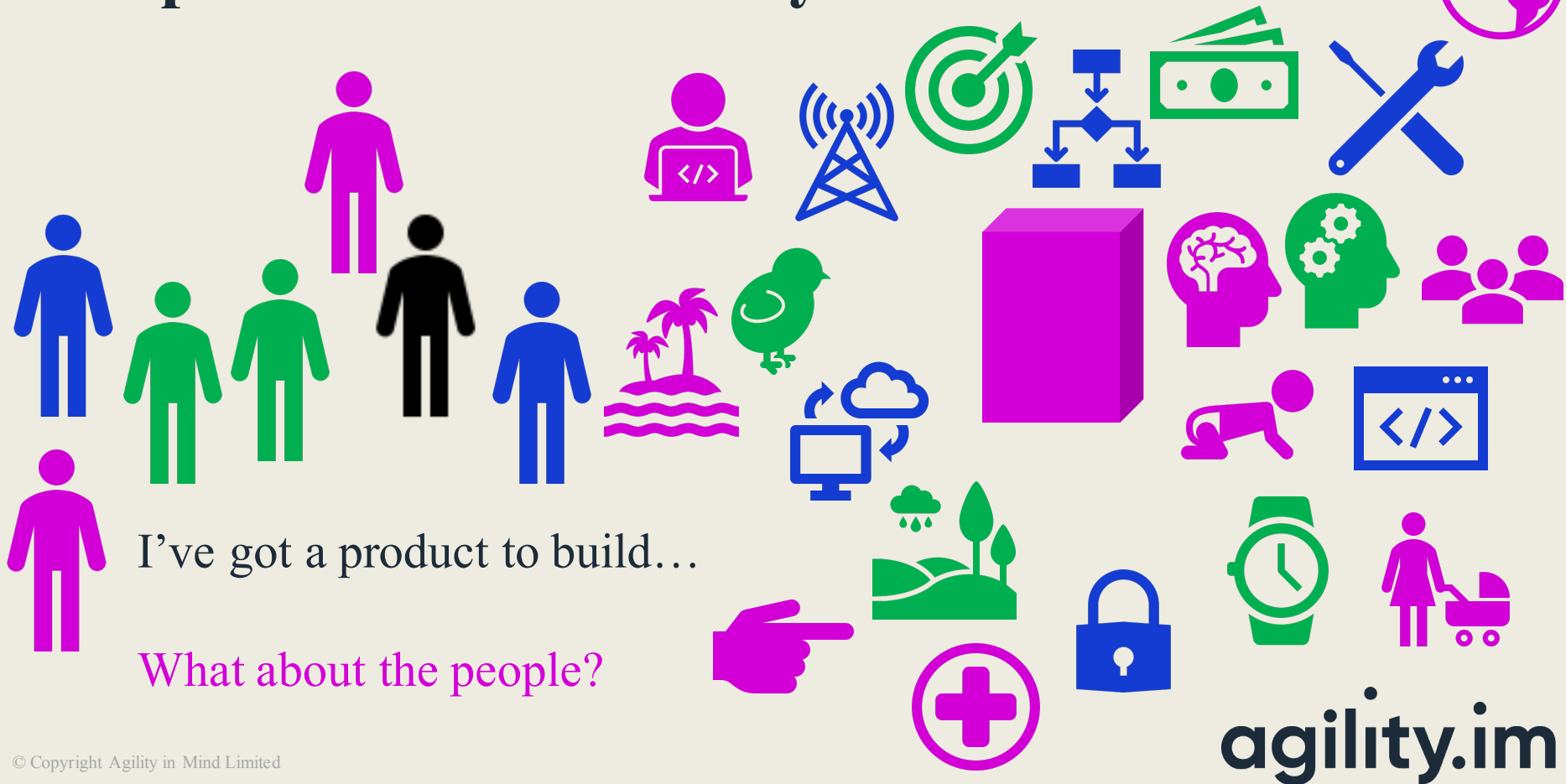
I've got a product to build...

What about the people?



agility.im

Complex Product Delivery



I've got a product to build...

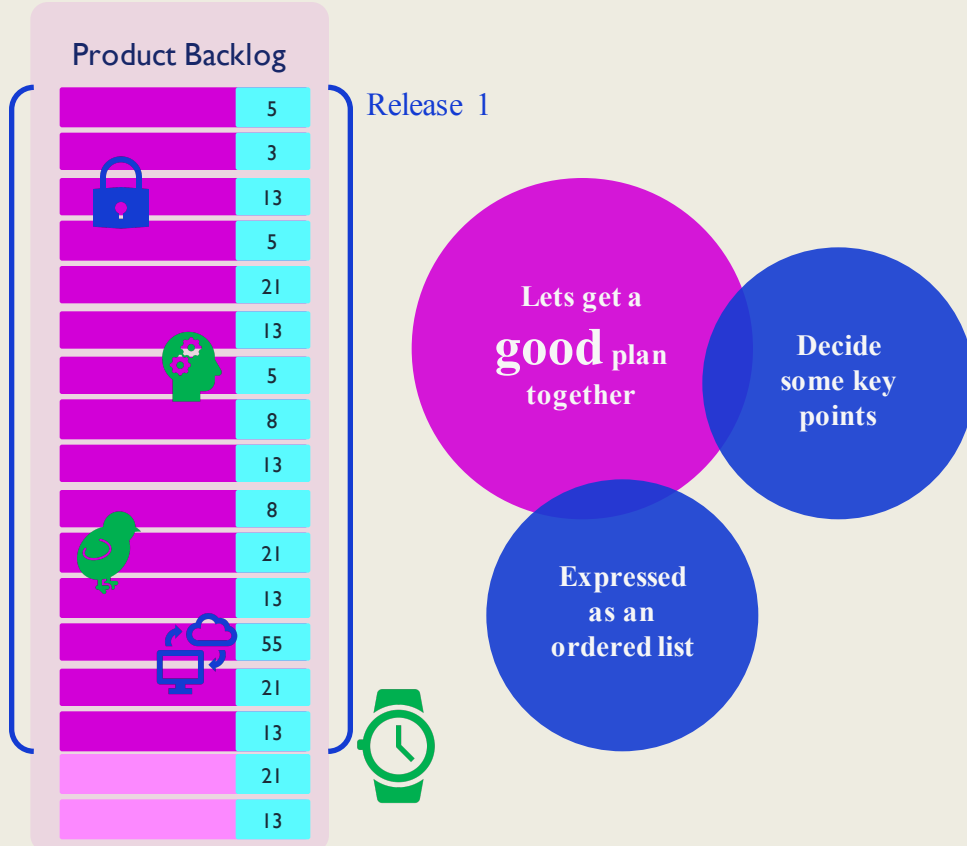
What about the people?

agility.im

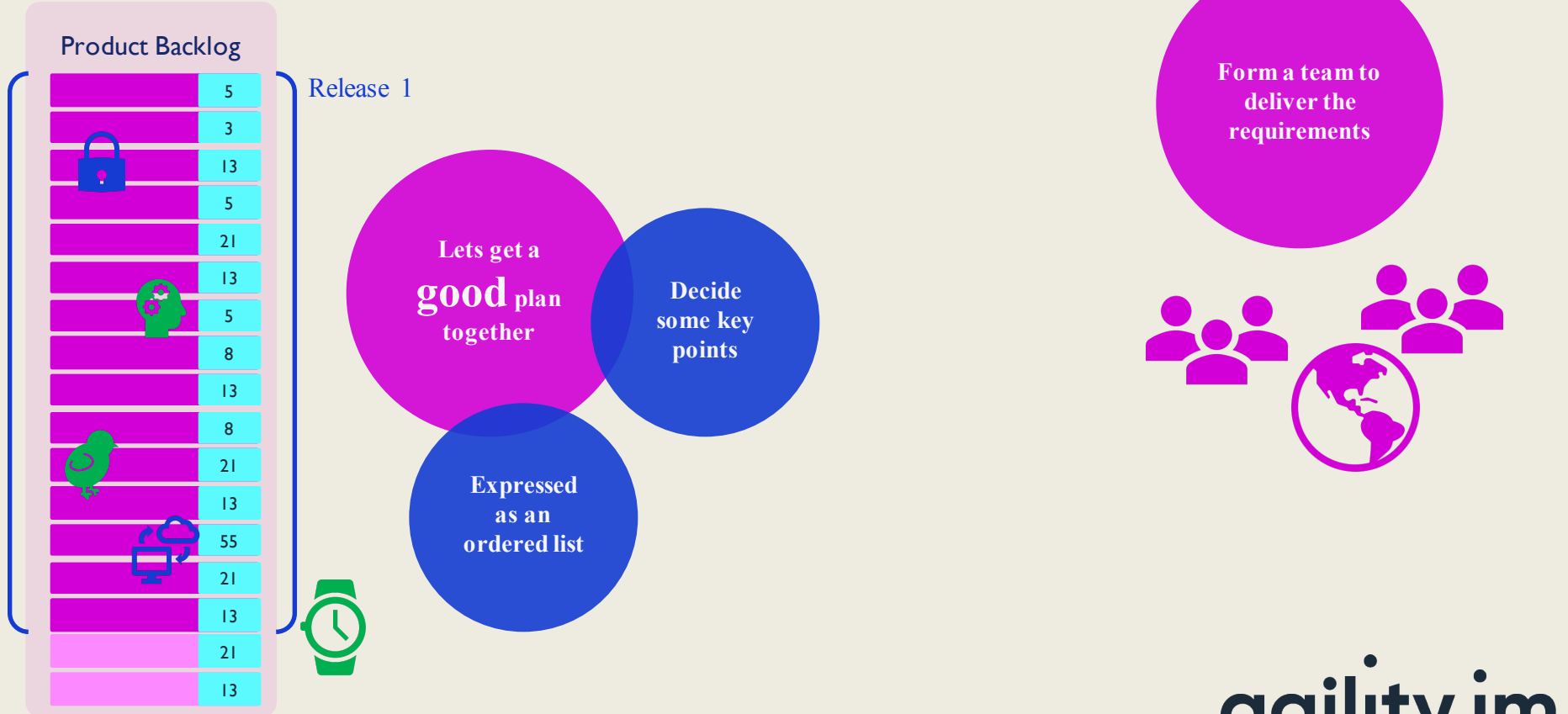
Traditional Approach



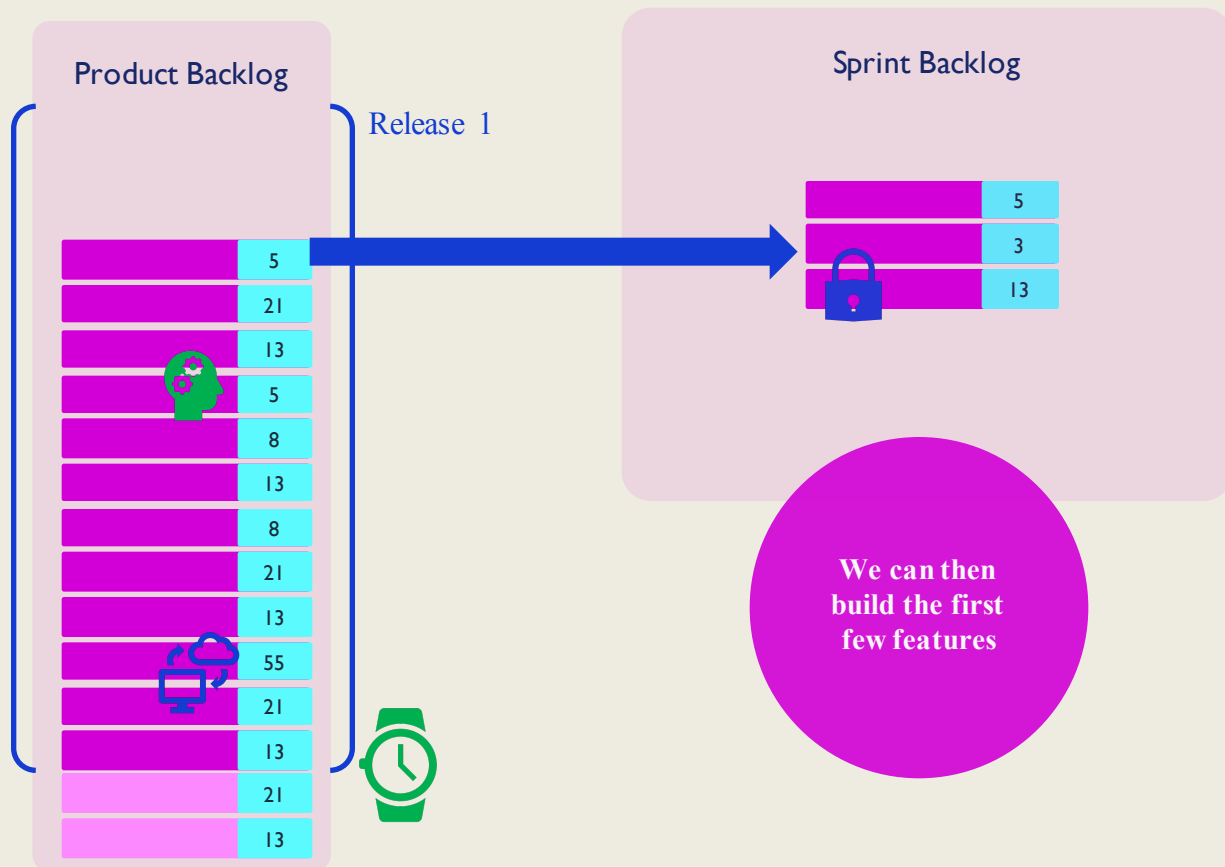
Scrum



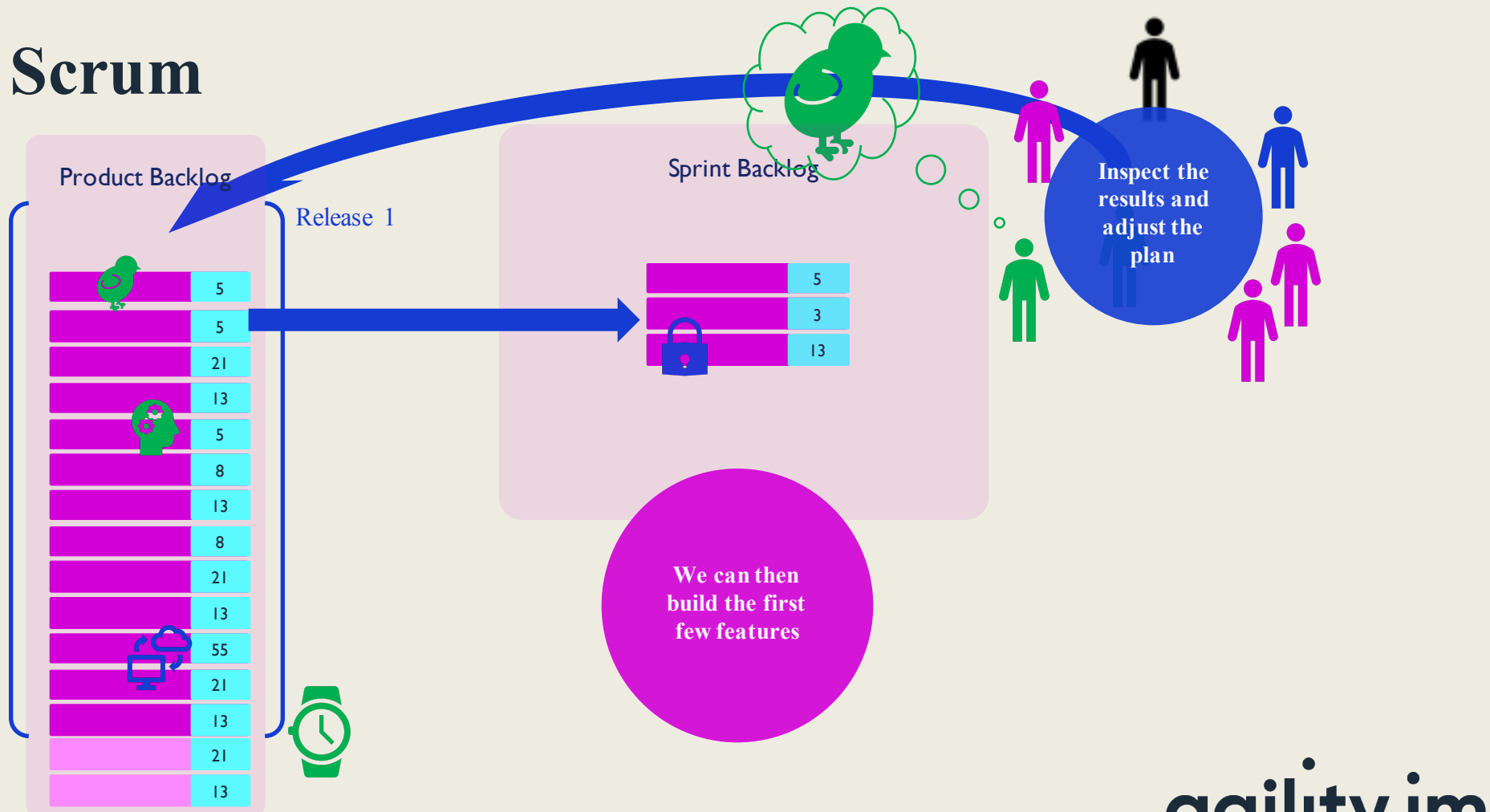
Scrum



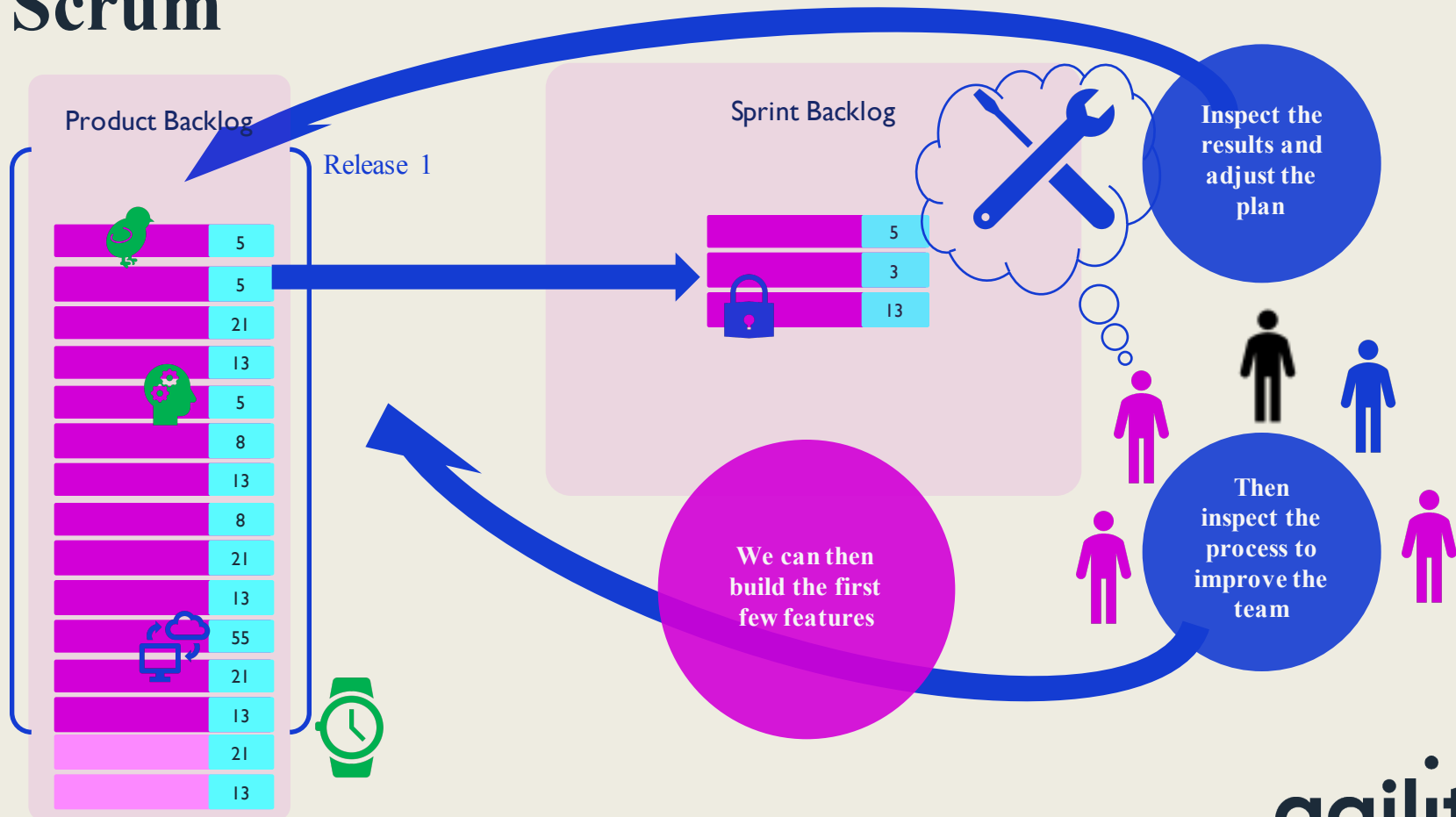
Scrum



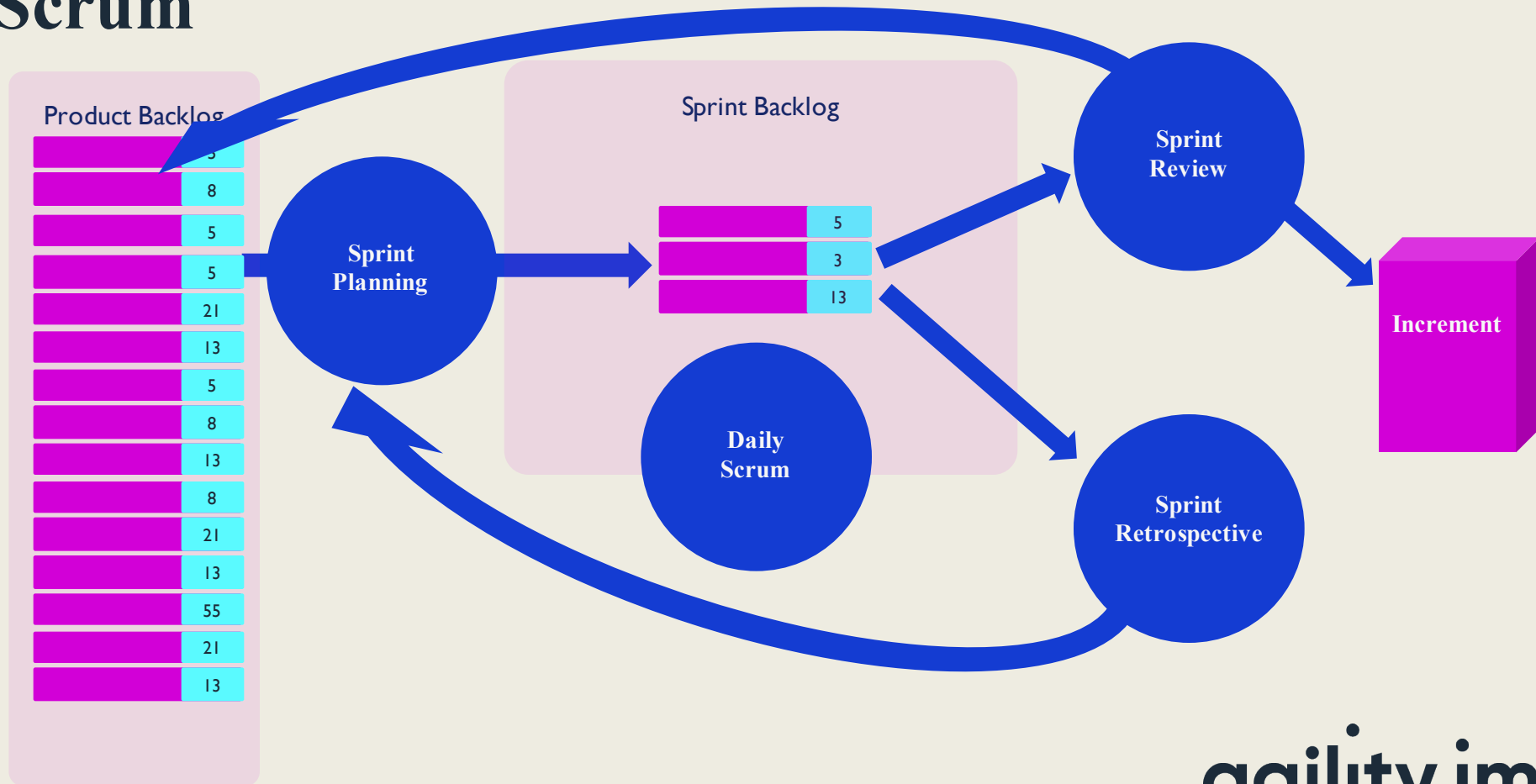
Scrum



Scrum



Scrum



Scrum

Good for

- Strategic work
- Product delivery
- Collaborative teams
- Software
- Non-software work that has similar characteristics

Not good for

- Responsive work
- Operational teams
- Teams all working on their own projects
- Incident management
- Work that cannot deliver useful assets in 30 days

Q&A



Start with a product, make a plan

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Case Study Example: Online Retail



We're an online retailer that has grown fast over the last 10 years. Our platform is not scaling well, so we're going to build an entirely new system.

Case Study Example: Online Retail

We're not got to spend the first six months getting the fine detail of the architecture right.



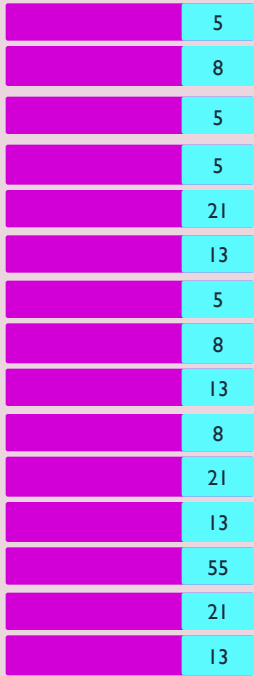
Case Study Example: Online Retail

Instead, we're going to brainstorm ideas over a few days and create a product backlog of initial requirements.



What we now have

Product Backlog



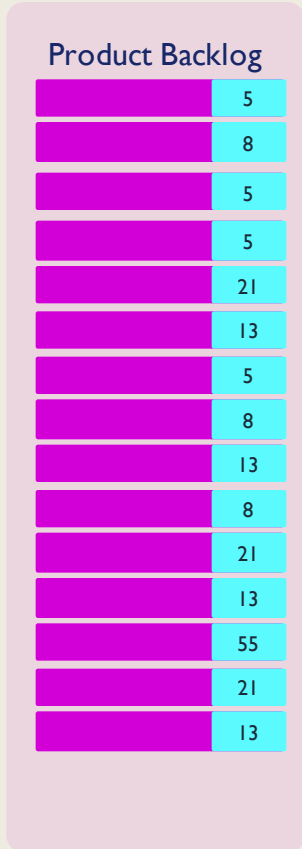
A product backlog:
An ordered list of
requirements likely to be
needed

A product owner:
Manages the product backlog
and accountable for
maximising value

Product
Owner



Is this enough? Is this OK?



Poll questions. Is it OK to begin work when the following are true?

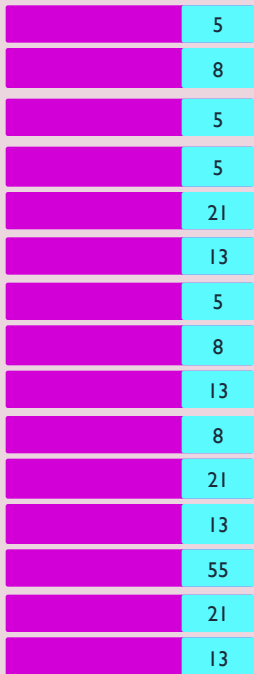
Product Owner



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Exercise: How does this compare?

Product Backlog



How does this situation compare with your team?

Start a list of differences, or parts that are missing.



2 minutes

Product Owner



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Q&A

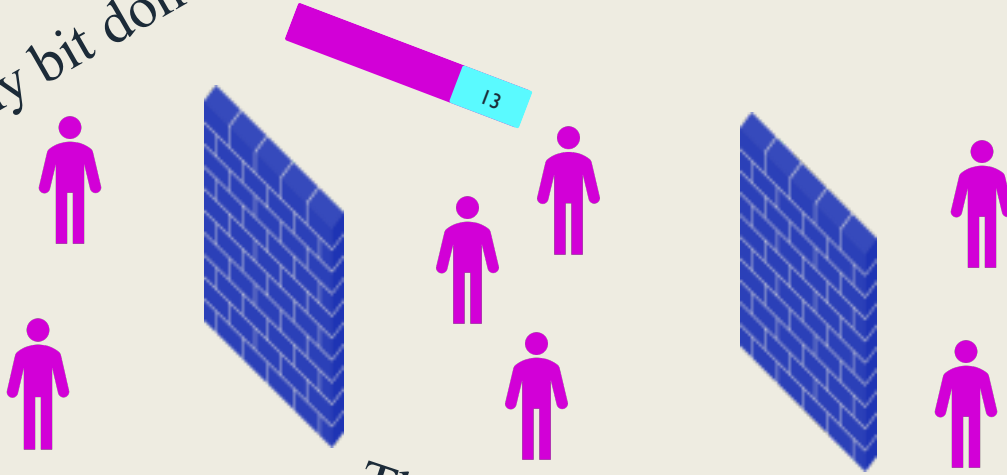


Get a team, start building

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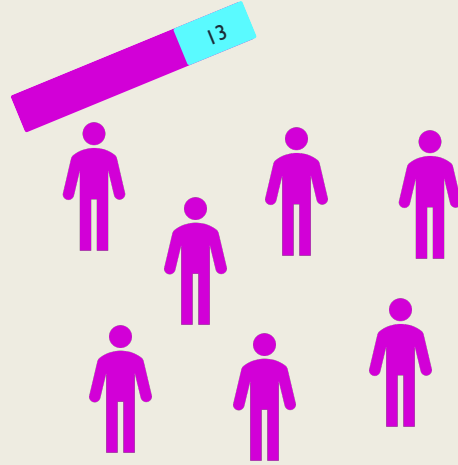
Development Teams

That's my bit done



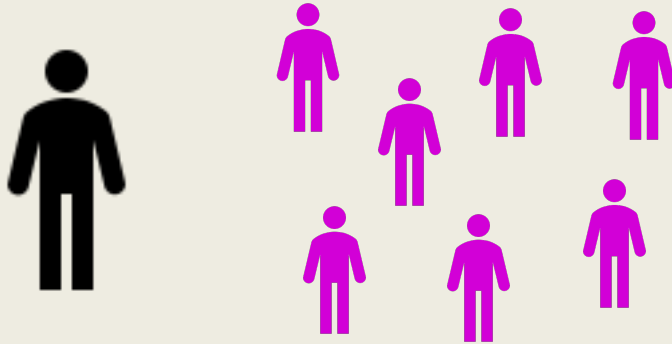
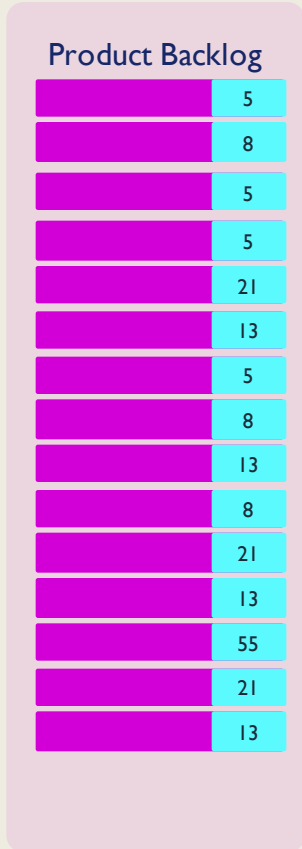
*That's not right, but it
wasn't my fault*

Scrum Development Teams



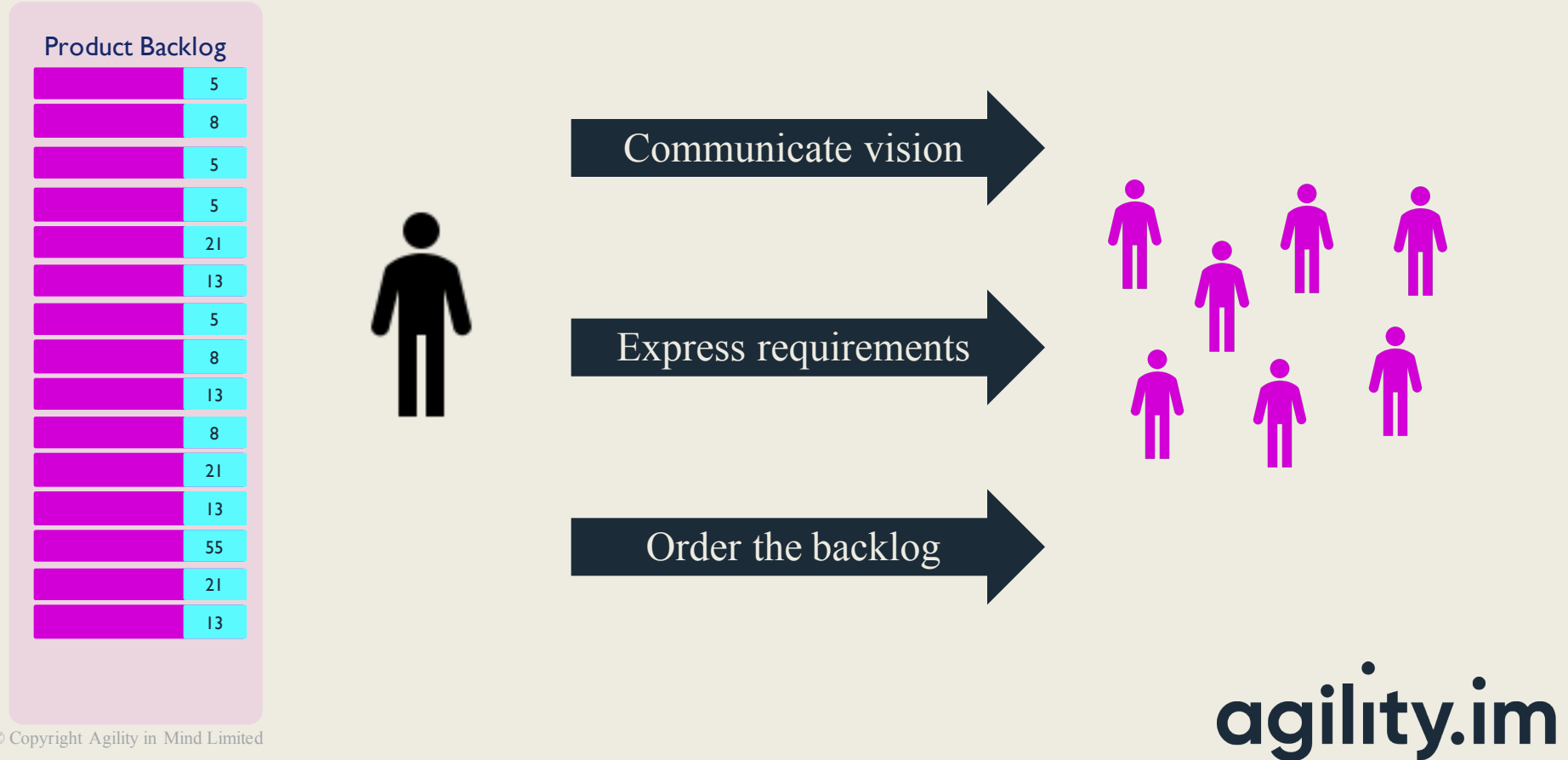
We're all accountable
for the end result

Product Owners and Development Teams

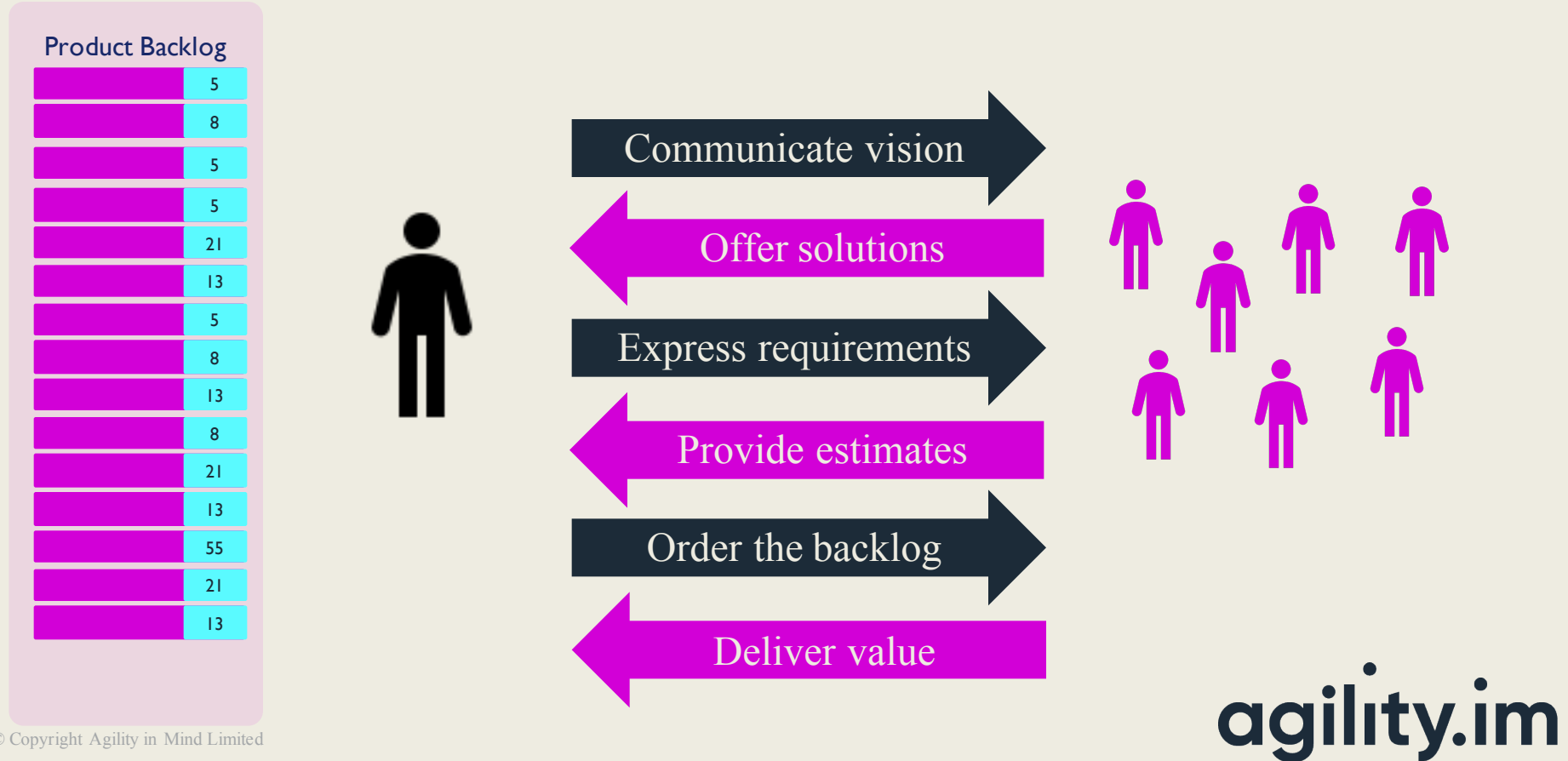


At last, there's someone to deliver
the value I've planned

Product Owners and Development Teams



Product Owners and Development Teams



Sprint Planning

Product Backlog

Register Account

Set Location

Favourite Places

Book Trip

Voice Control

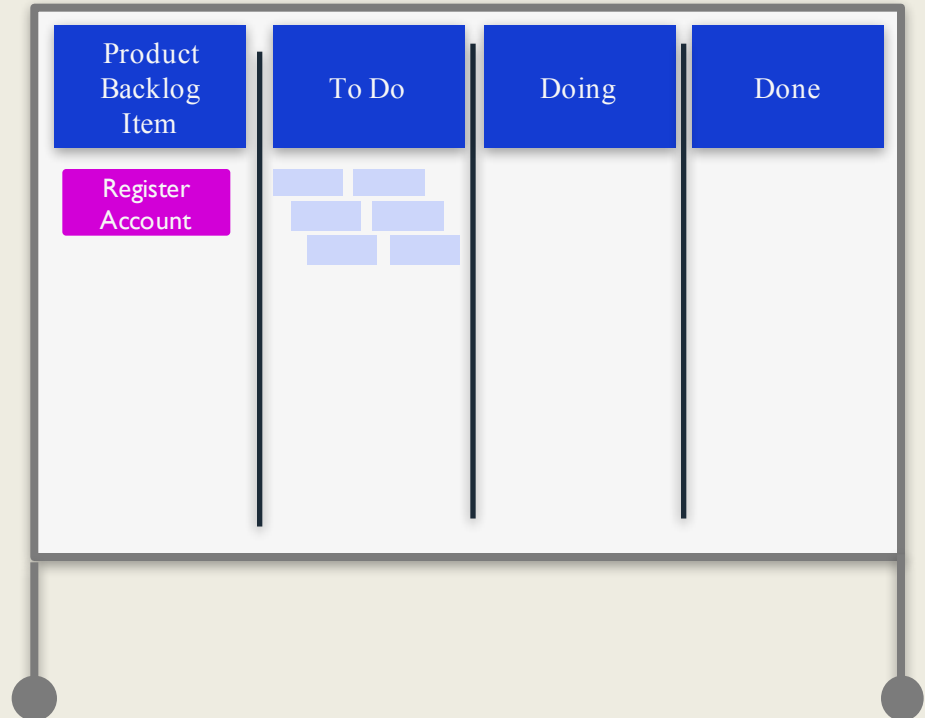
Change route

Cancel trip

Payment

Product Owner clarifies the requirements for each PBI.

Development team add it to the Sprint Backlog and break it down into tasks.



Sprint Planning

Product Backlog

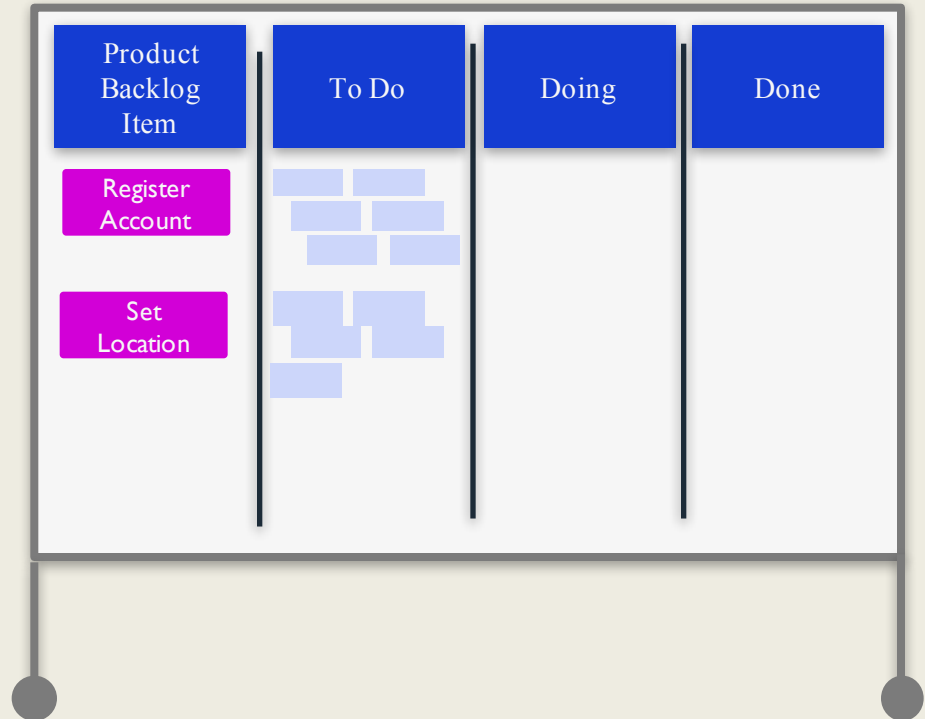
- Set Location
- Favourite Places
- Book Trip
- Voice Control
- Change route
- Cancel trip
- Payment

Does it fit?

Development team have the final say.

Is there room for more?

The process continues until the sprint is full.



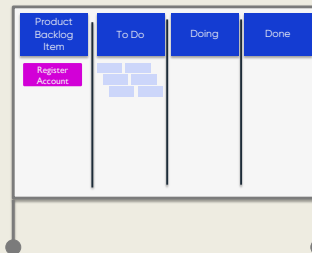
Exercise: How does this compare?

Product Backlog

	5
	8
	5
	5
	21
	13
	5
	8
	13
	8
	21
	13
	55
	21
	13

How does this situation compare with your team?

Add to your list from the last exercise, noting any differences or missing pieces

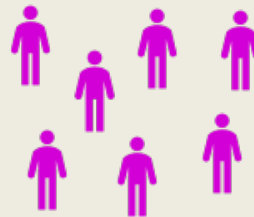


2 minutes

Product Owner



Development Team



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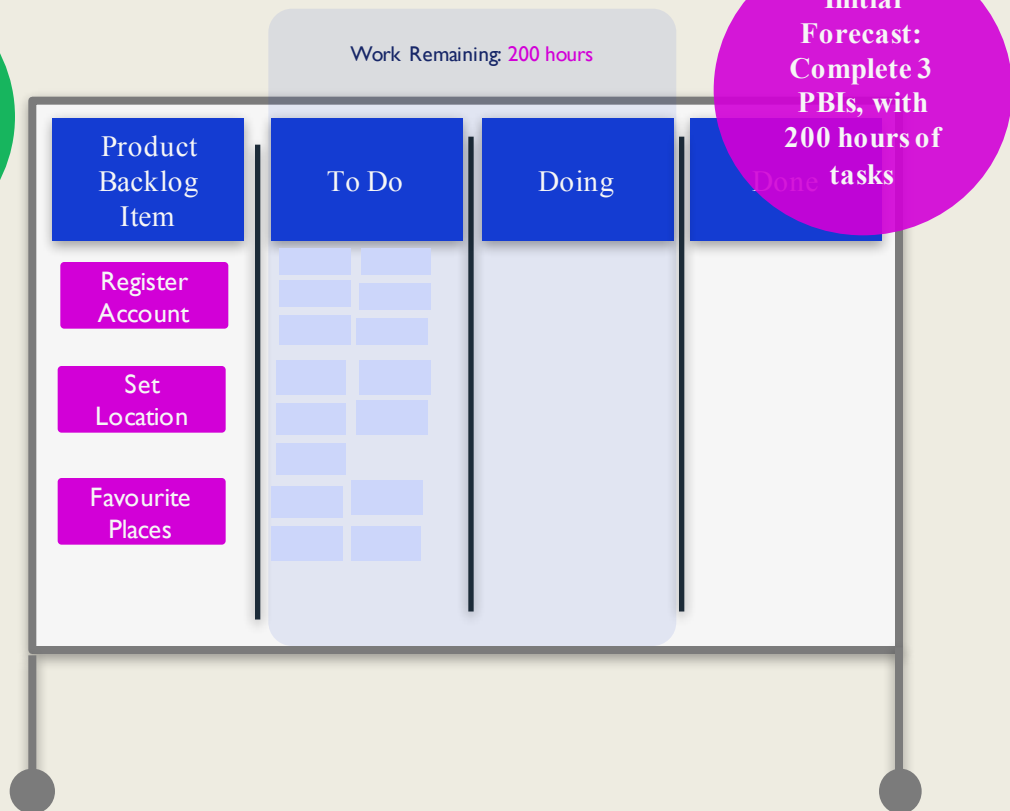
Q&A



Running a Sprint

agility.im

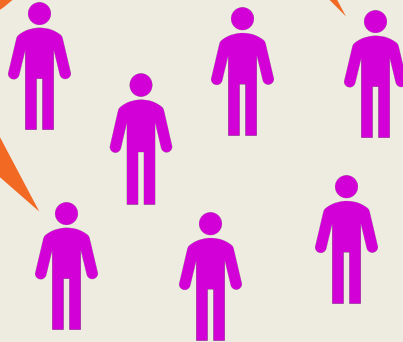
Daily Scrum



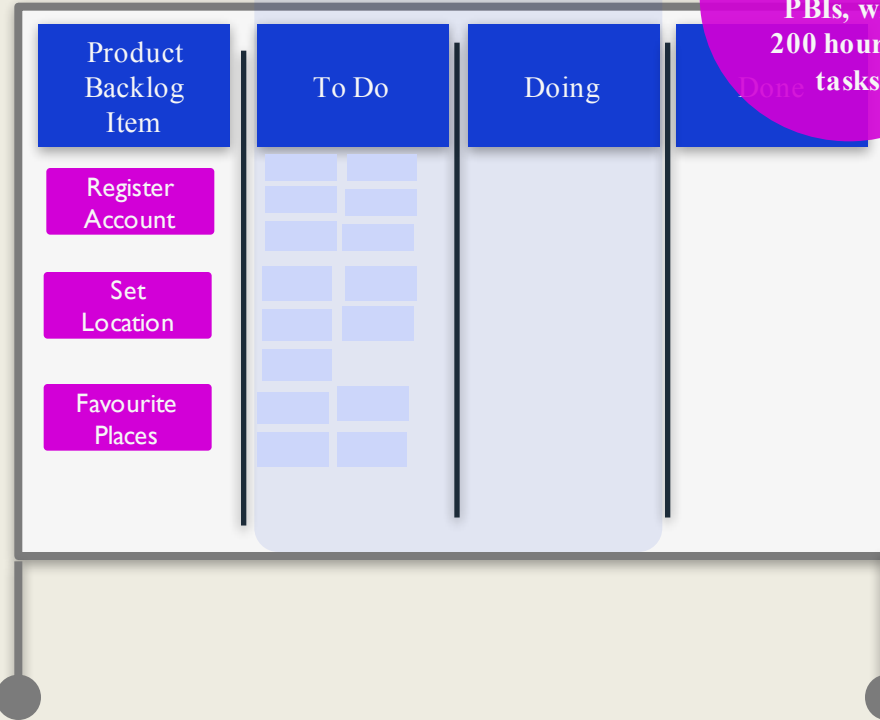
Poll: What are useful things to discuss?

Yesterday I had
a really great
lunch

Today I plan to
attend several
meetings



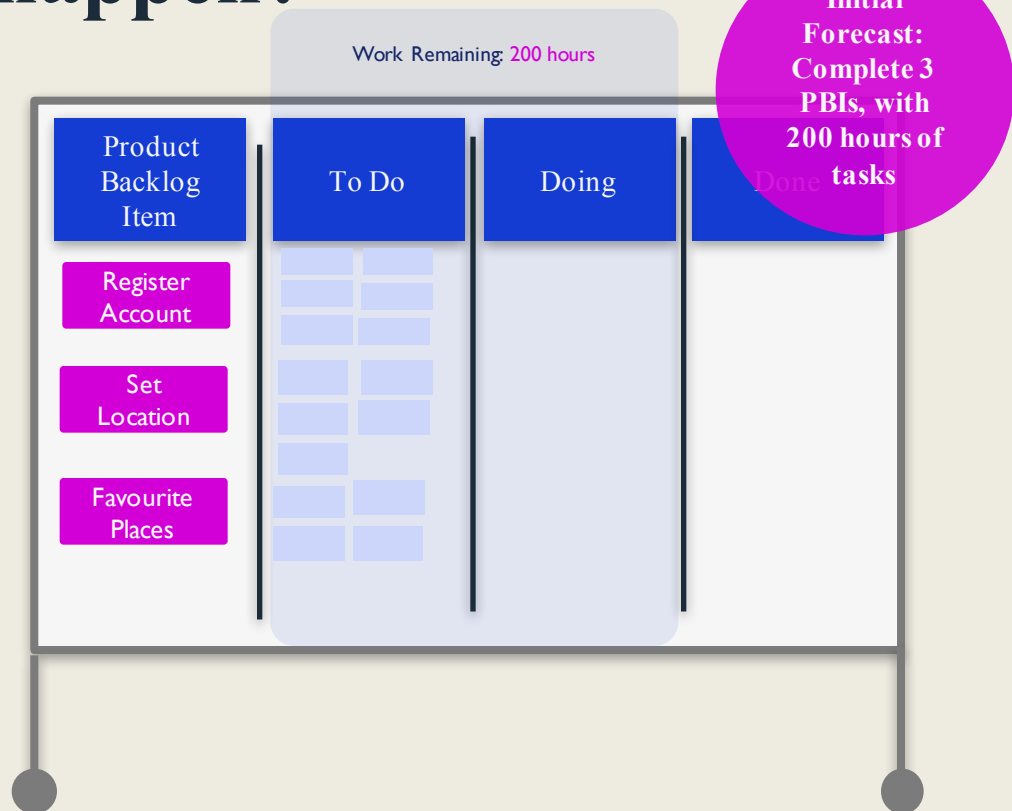
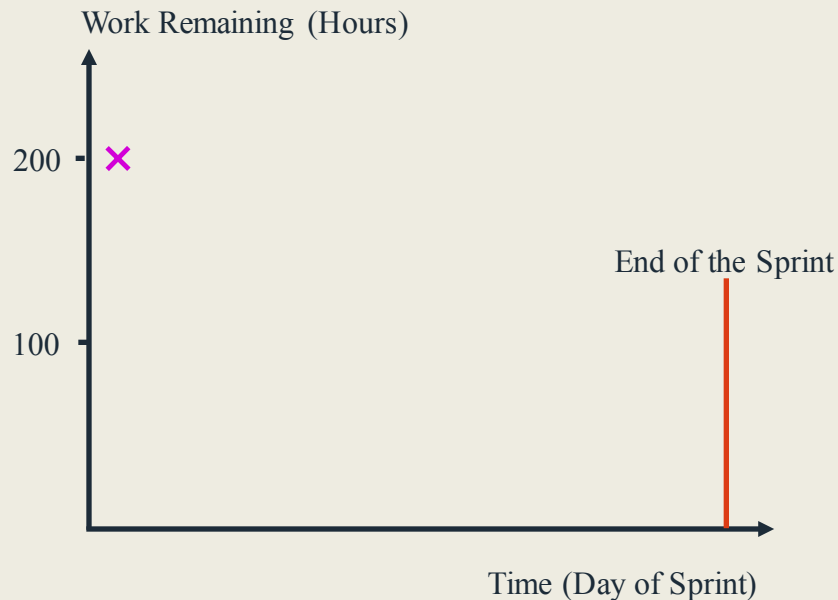
Work Remaining: 200 hours



Initial
Forecast:
Complete 3
PBIs, with
200 hours of
tasks

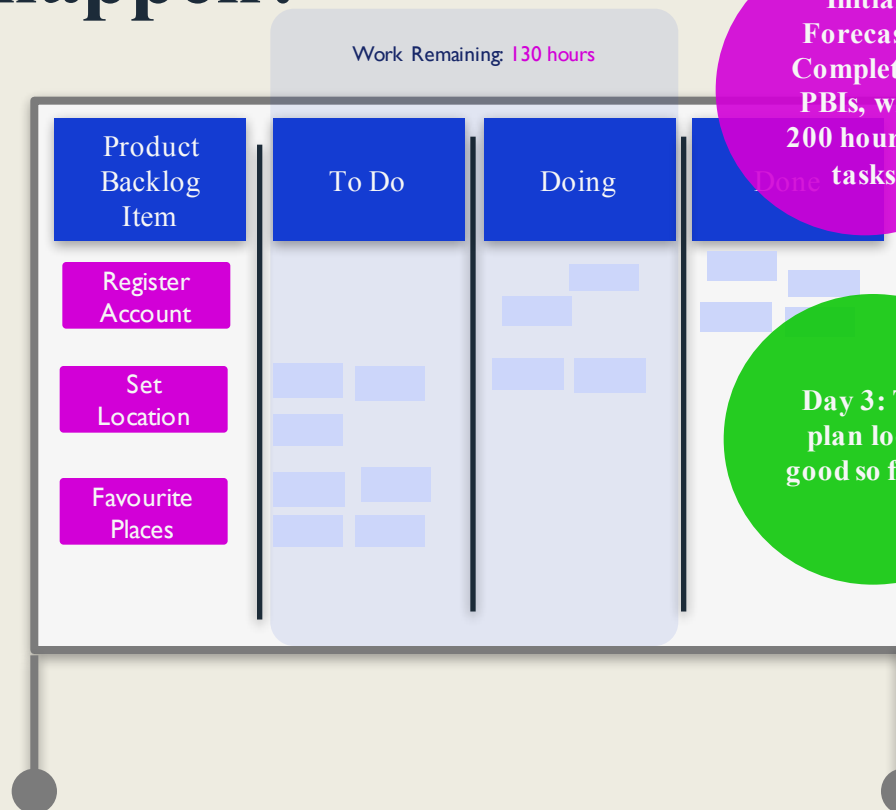
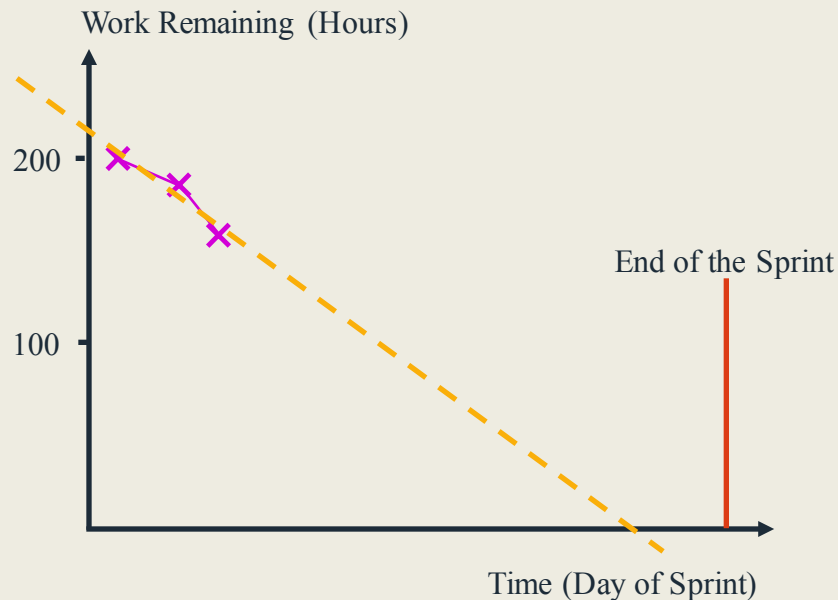
Scenario: What should happen?

Sprint Burndown Chart



Scenario: What should happen?

Sprint Burndown Chart

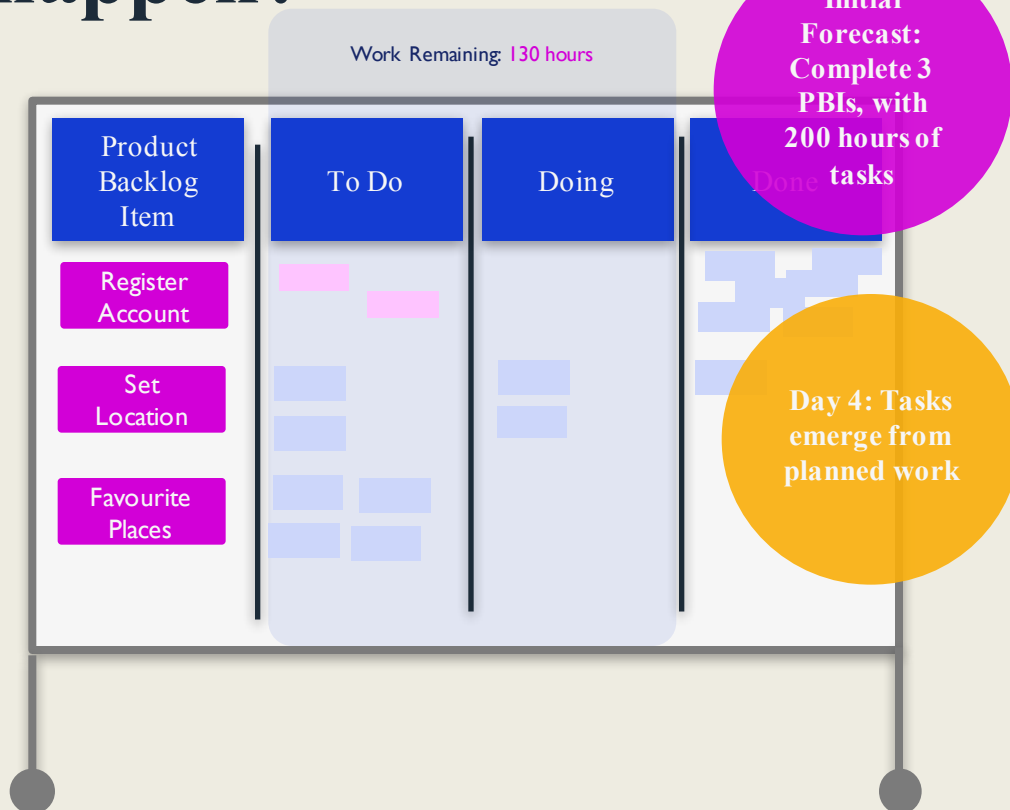
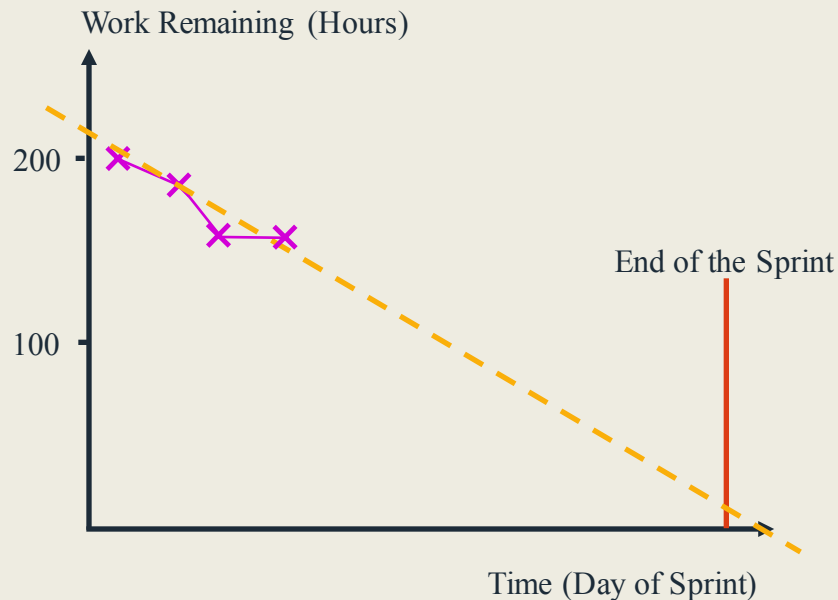


Initial Forecast: Complete 3 PBIs, with 200 hours of tasks

Day 3: The plan looks good so far...

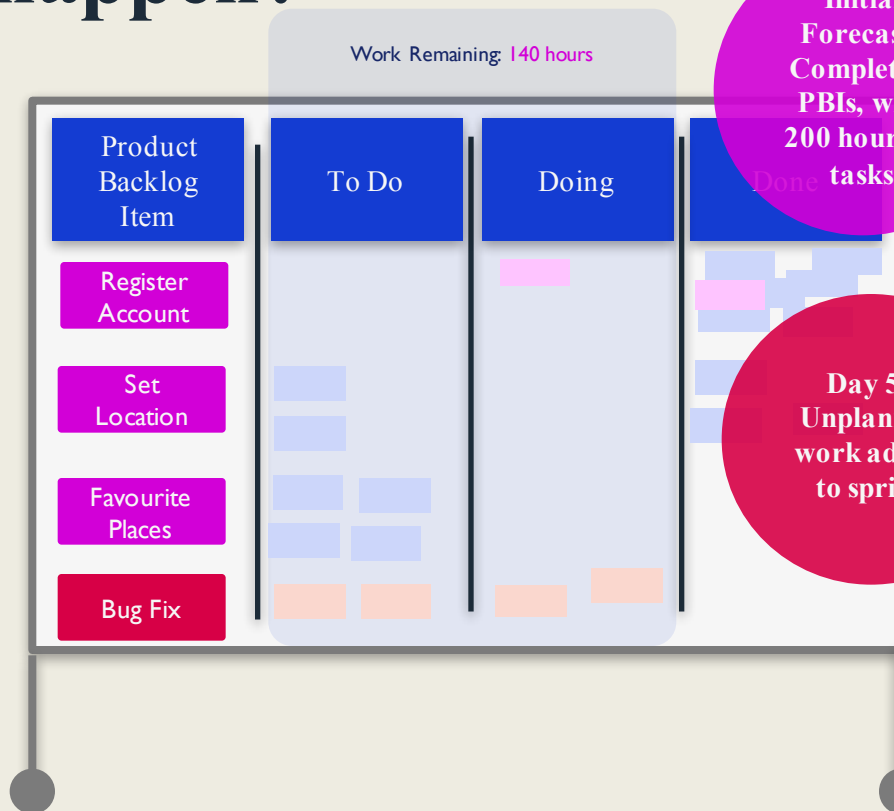
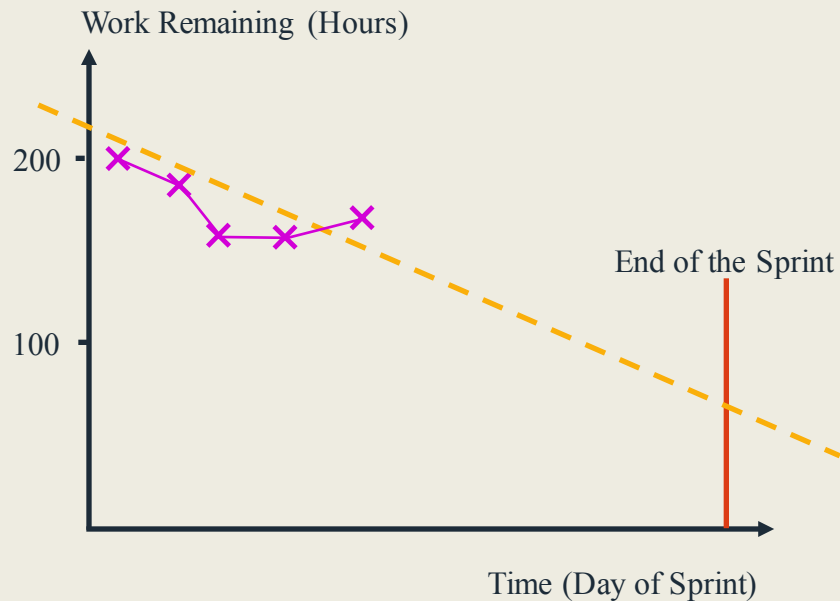
Scenario: What should happen?

Sprint Burndown Chart



Scenario: What should happen?

Sprint Burndown Chart

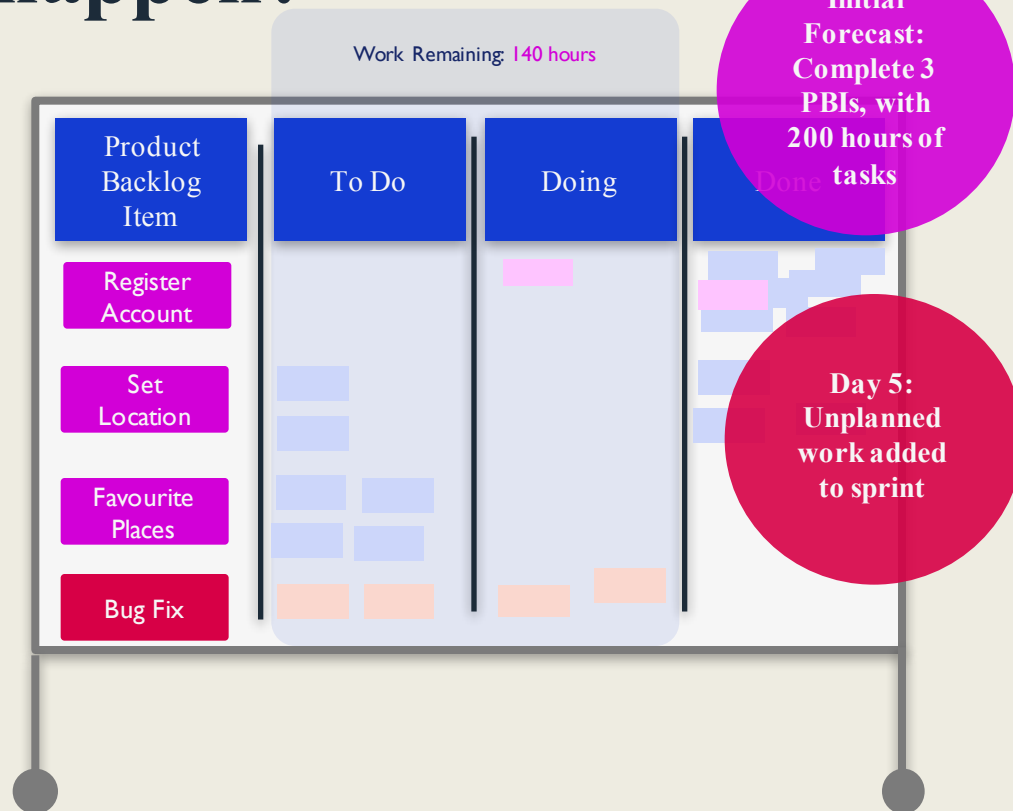


Scenario: What should happen?

Development
Team



Product
Owner

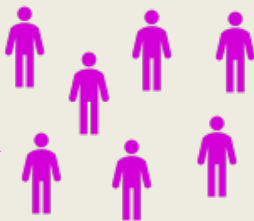


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Scenario: What should happen?

Our sprint forecast has changed. Here are the options

Development Team

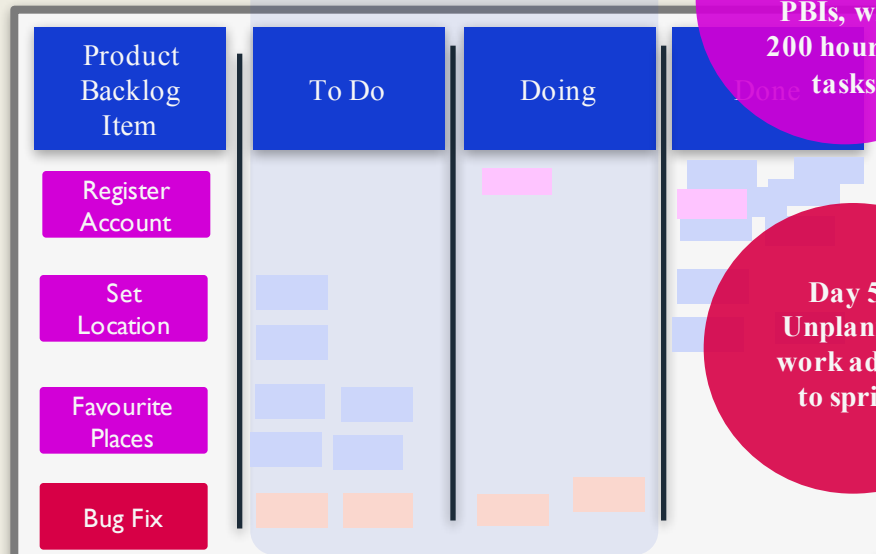


Product Owner



Thanks for coming to me. Let's work together to adjust the plan.

Work Remaining: 140 hours



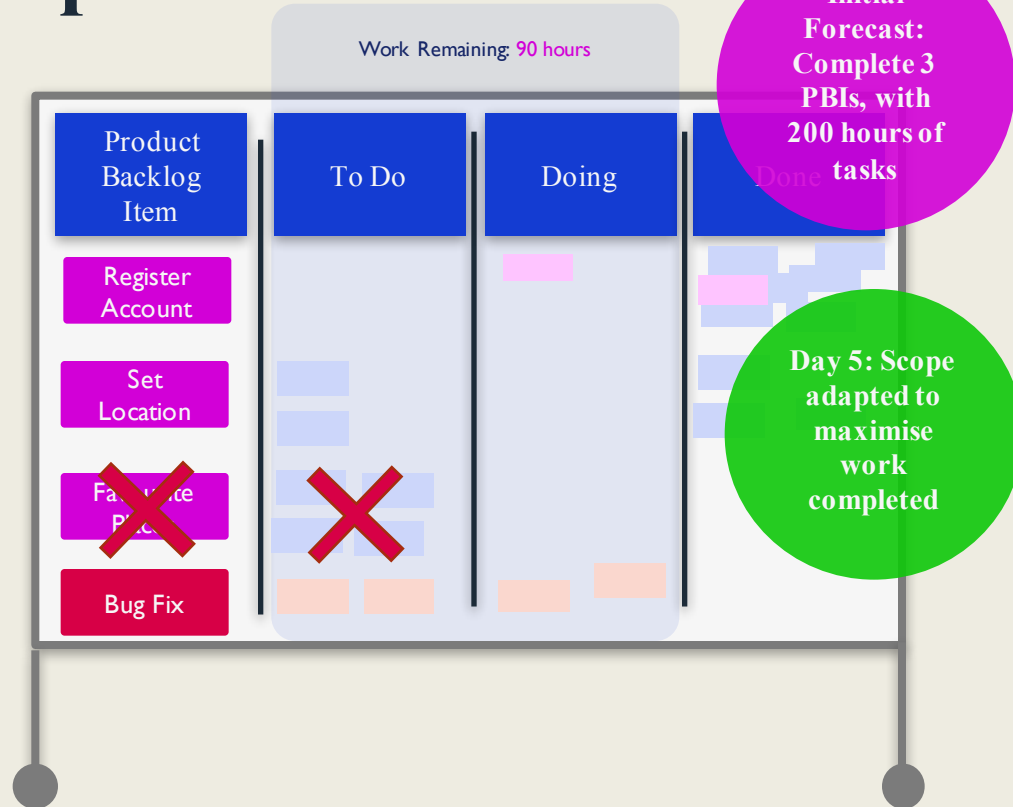
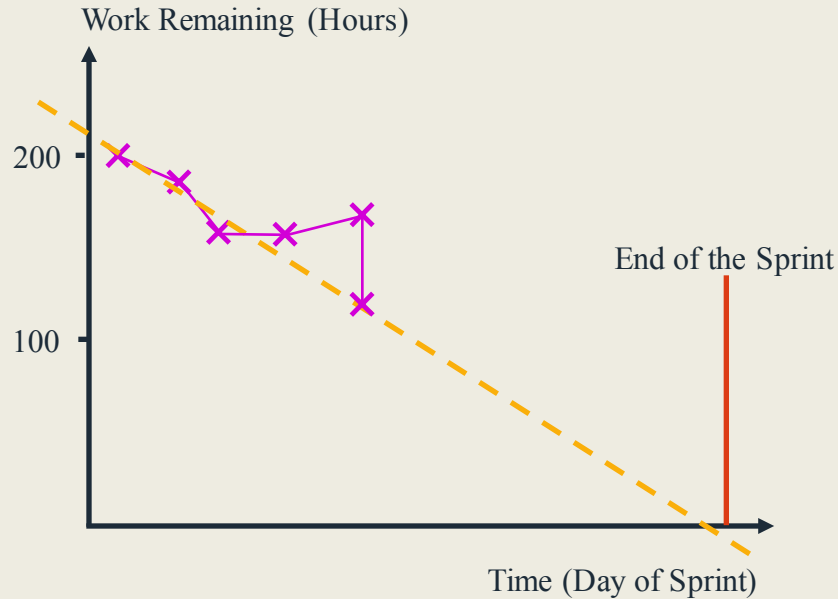
Initial Forecast: Complete 3 PBIs, with 200 hours of tasks

Day 5: Unplanned work added to sprint

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Inspect and Adapt Mid-Sprint

Sprint Burndown Chart



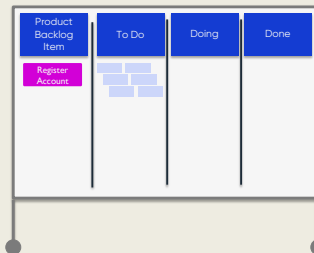
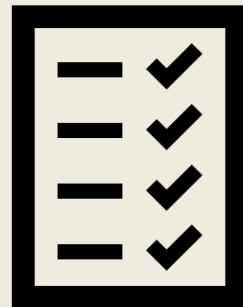
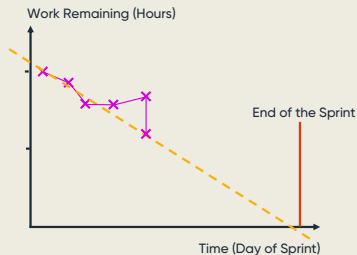
Exercise: How does this compare?

Product Backlog

	5
	8
	5
	5
	21
	13
	5
	8
	13
	8
	21
	13
	55
	21
	13

How does this situation compare with your team?

Add to your list from the last exercise, noting any differences or missing pieces



2 minutes

Product Owner



Development Team



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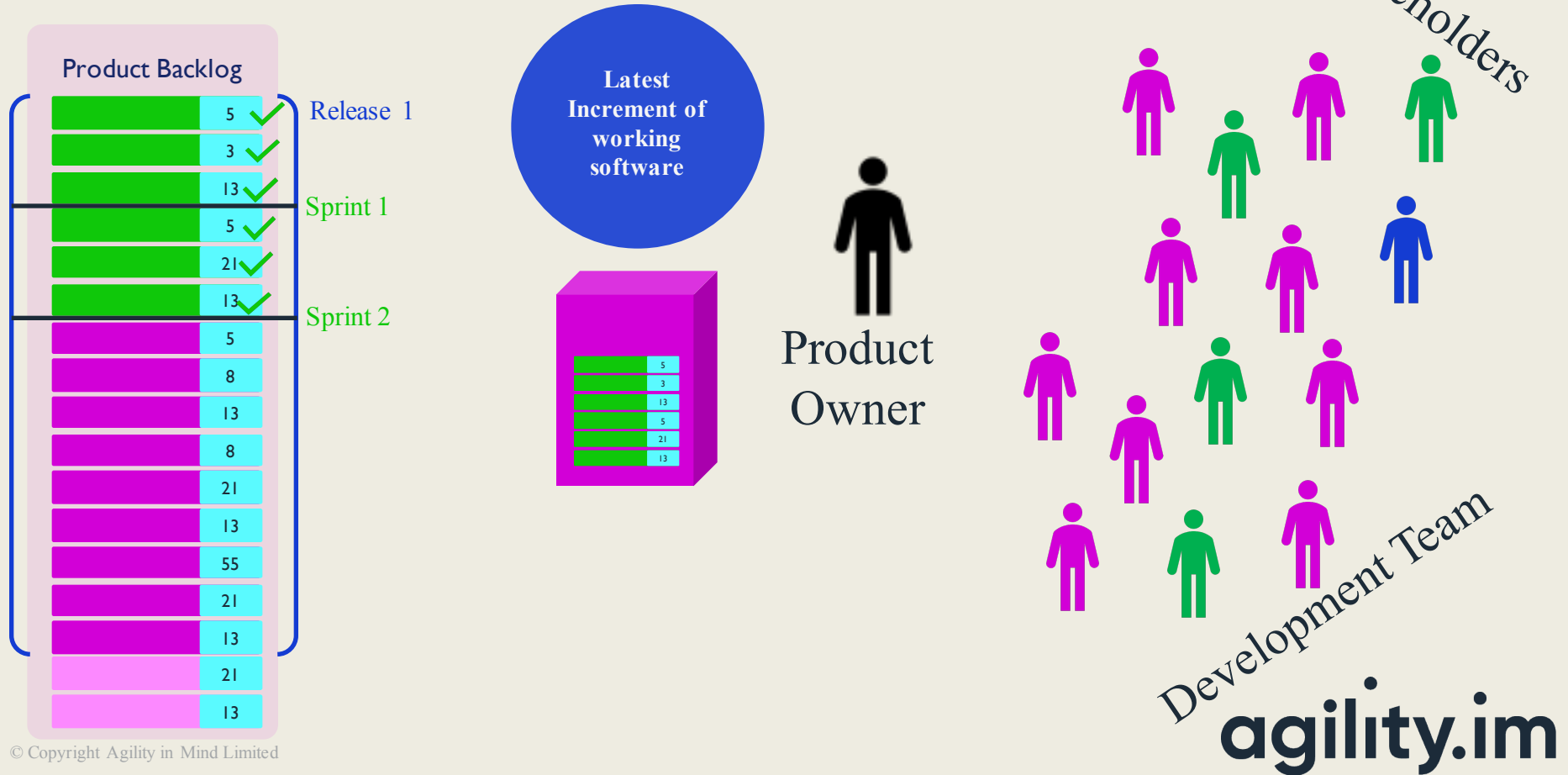
Q&A



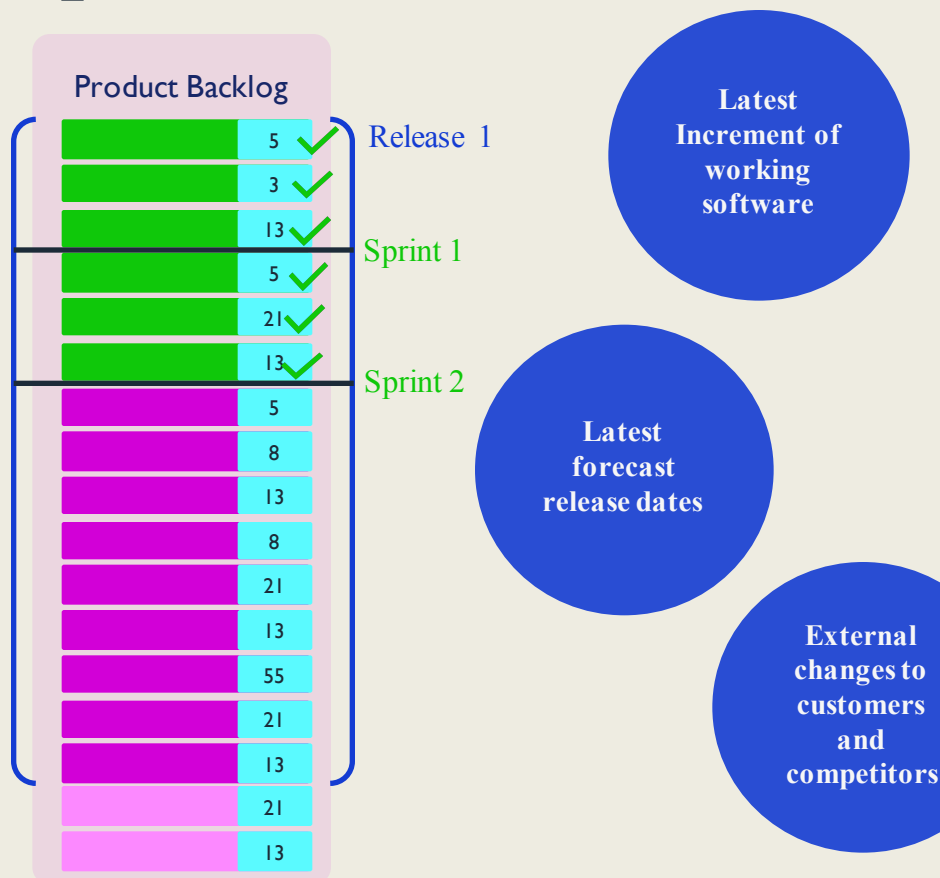
Feedback loops and continuous improvement

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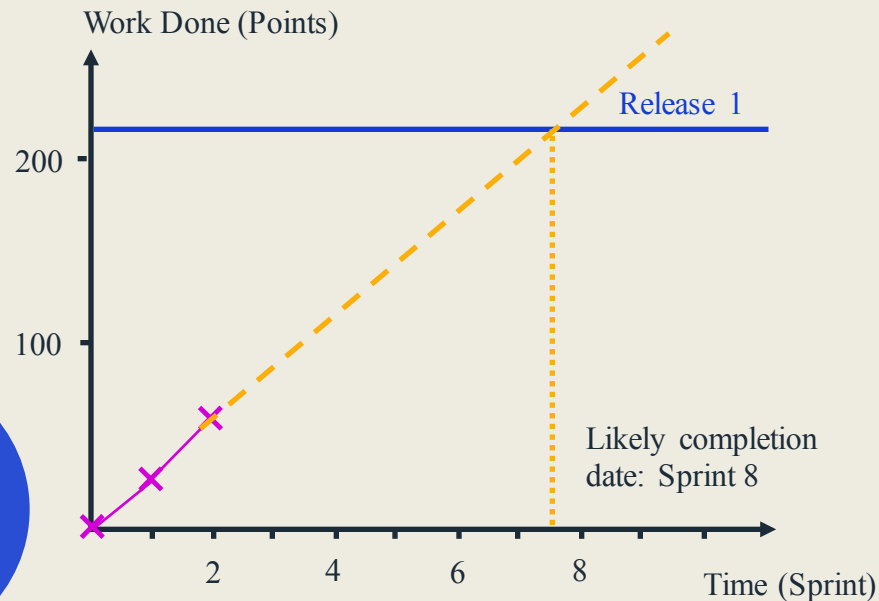
Sprint Review: What was done?



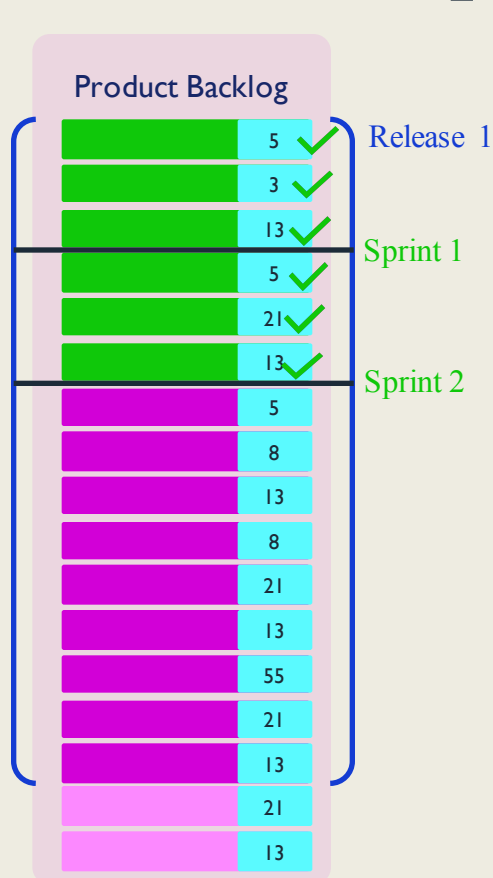
Sprint Review: What was done?



Product / Release Burn-up Chart



What is adapted?

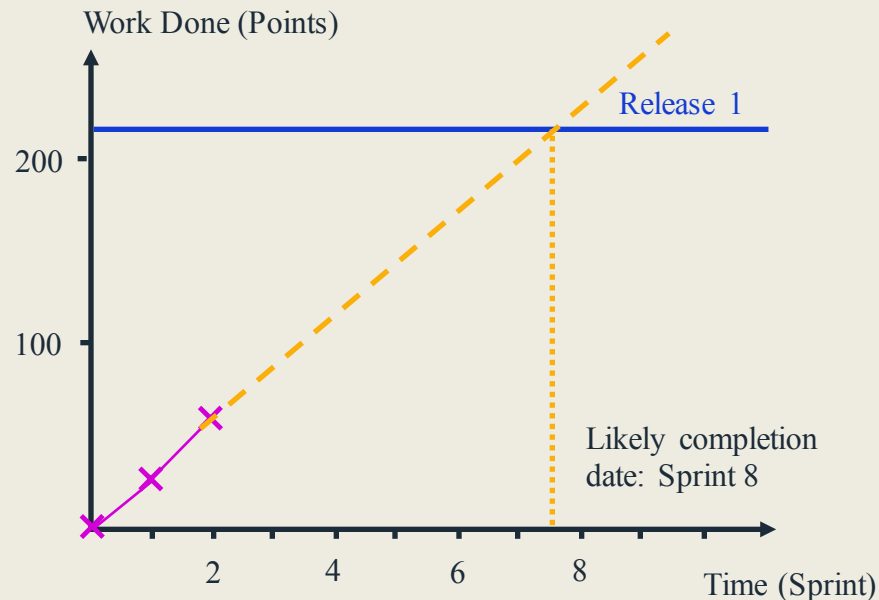


Can we just have a couple of extra features?



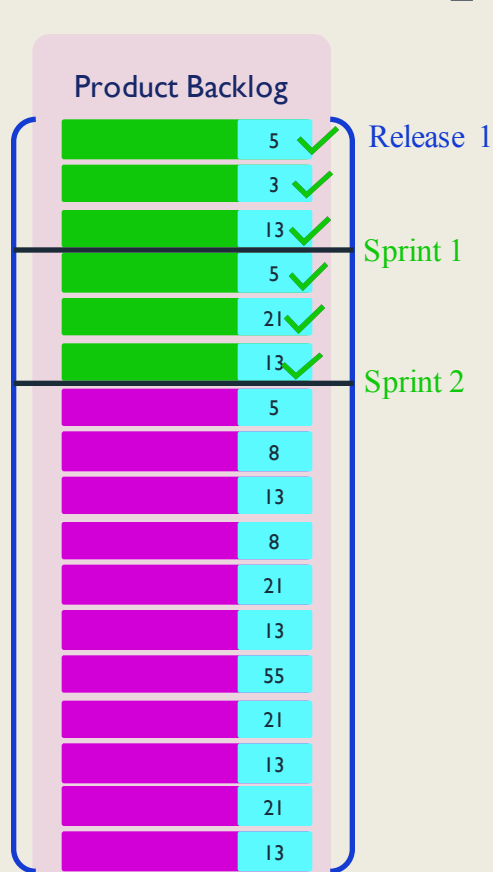
Stakeholders

Product / Release Burn-up Chart



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What is adapted?



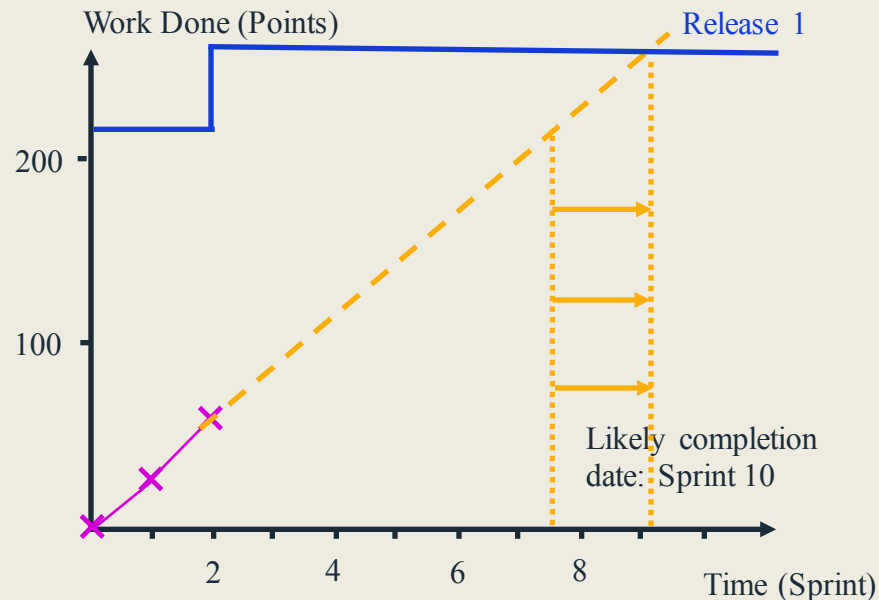
Adapt the plan during the Sprint Review

Can we just have a couple of extra features?



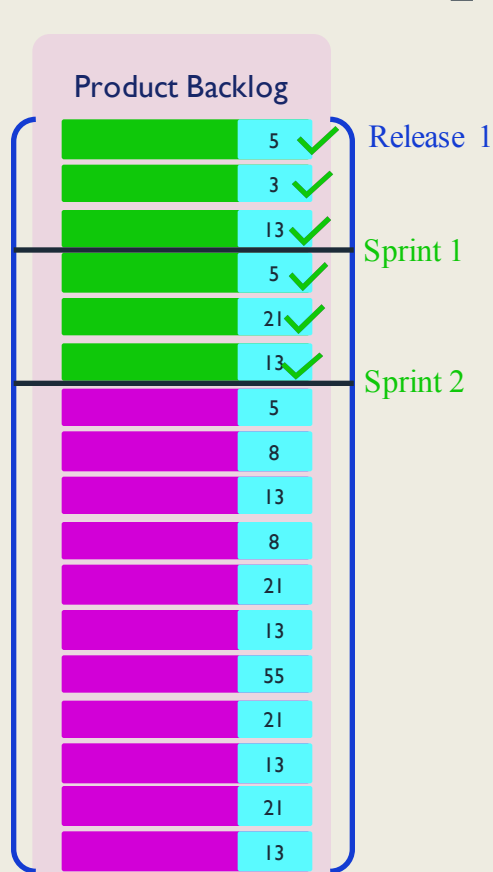
Stakeholders

Product / Release Burn-up Chart



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What is adapted?

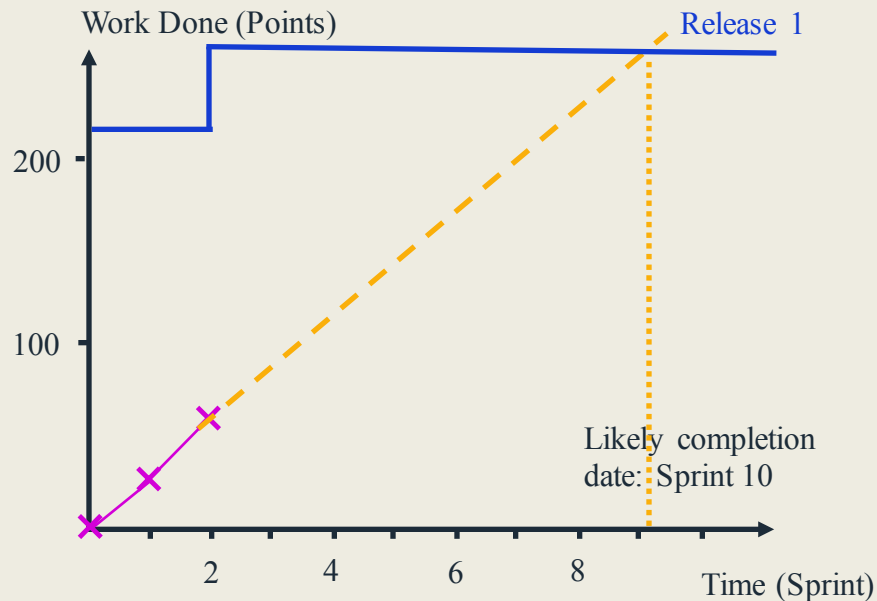


What would it take to release by Sprint 7?



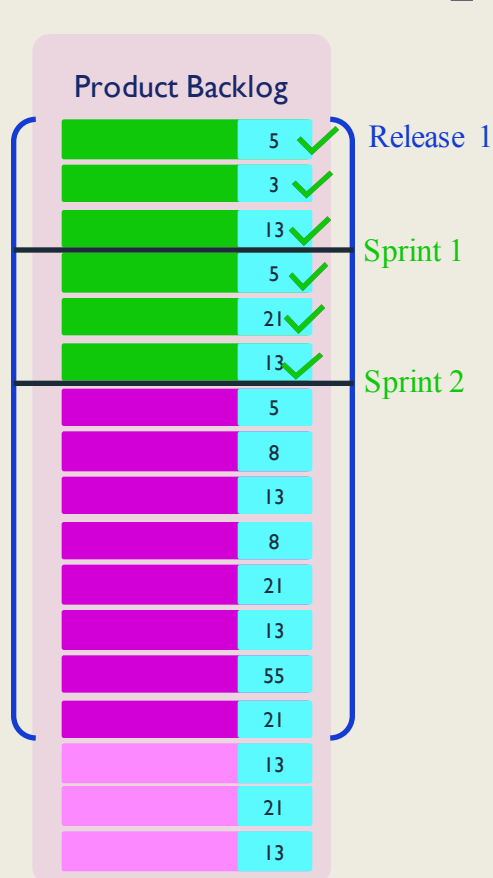
Stakeholders

Product / Release Burn-up Chart



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What is adapted?

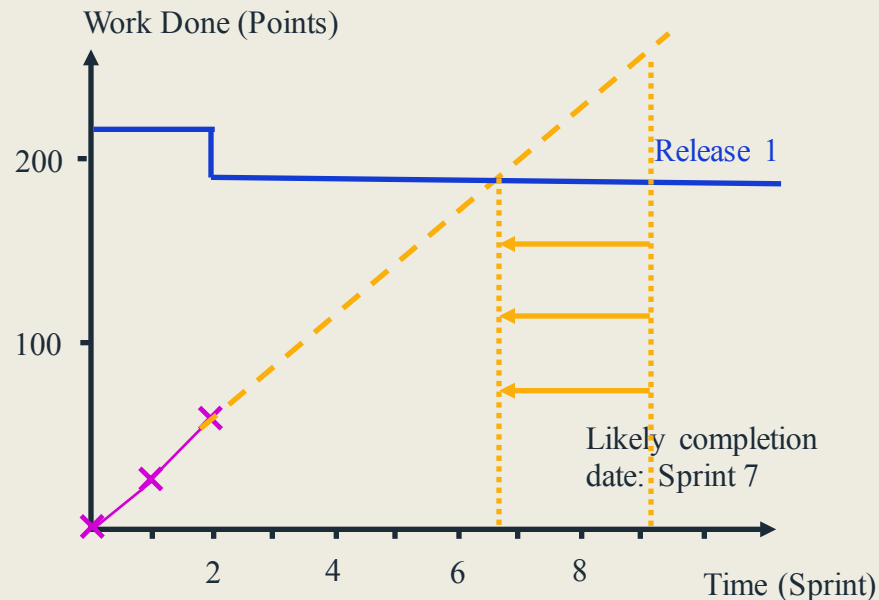


*What would it take
to release by Sprint
7?*



Stakeholders

Product / Release Burn-up Chart



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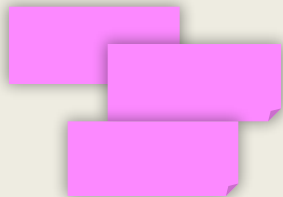
Sprint Retrospective

There are thousands of different ways to run a retrospective, but the key agenda should follow a similar pattern:



Retrospectives: Classic Version

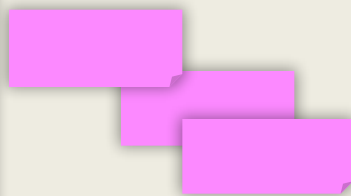
What's going well?



What's not going so well?



What puzzles you?



What ideas do you have?



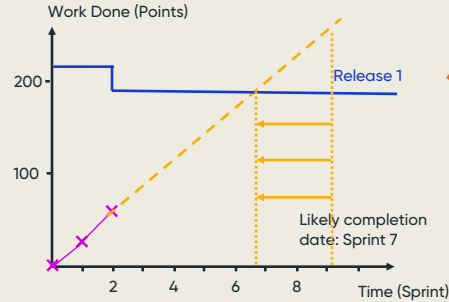
Product Owner



Dev Team

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Where was the Scrum Master?

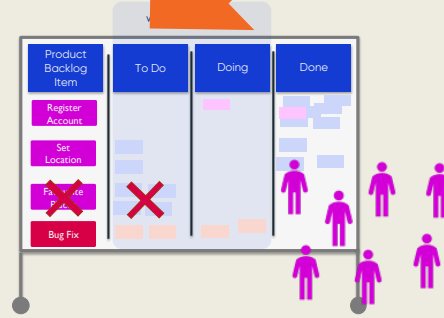
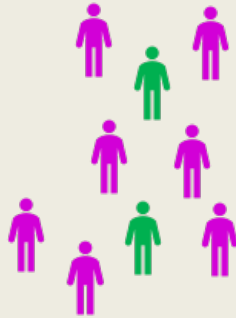


Tracking progress?

Managing stakeholders?

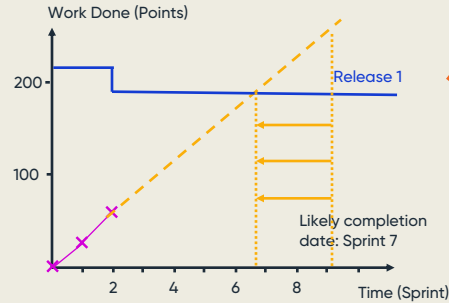
Solving problems?

Scrum Master

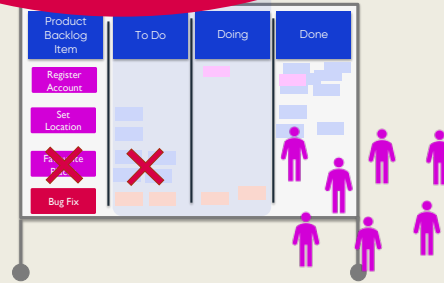
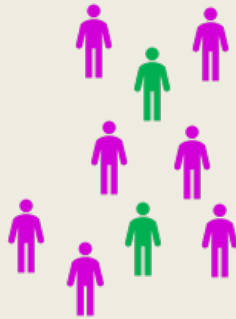


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Where was the Scrum Master?

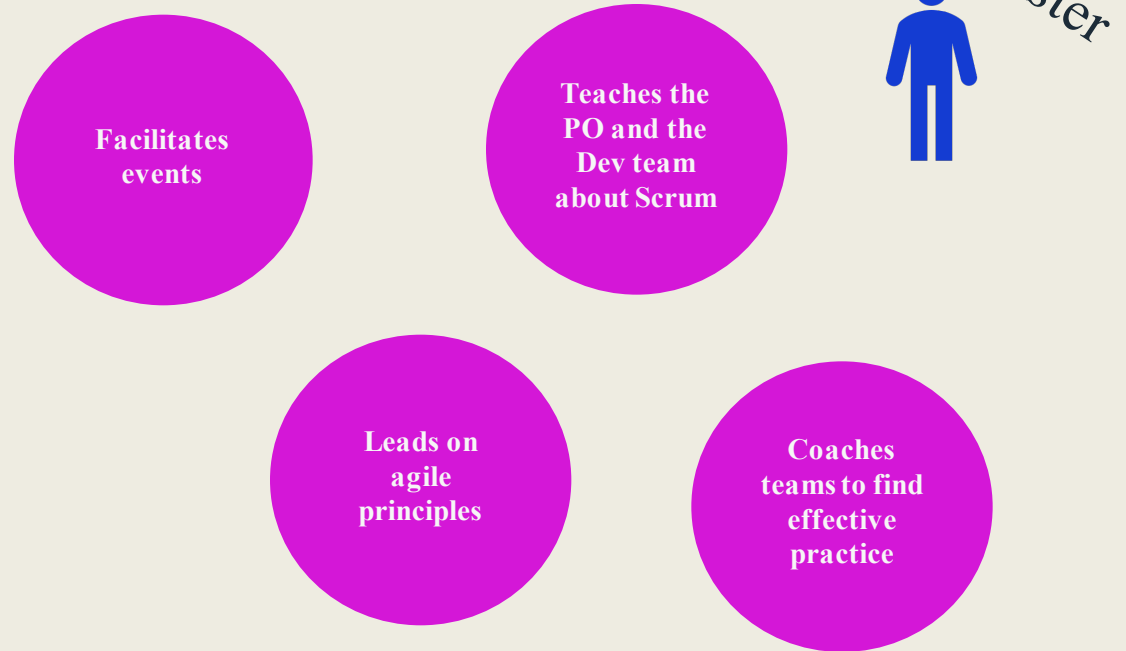


~~Scrum Master~~
~~Project Manager~~

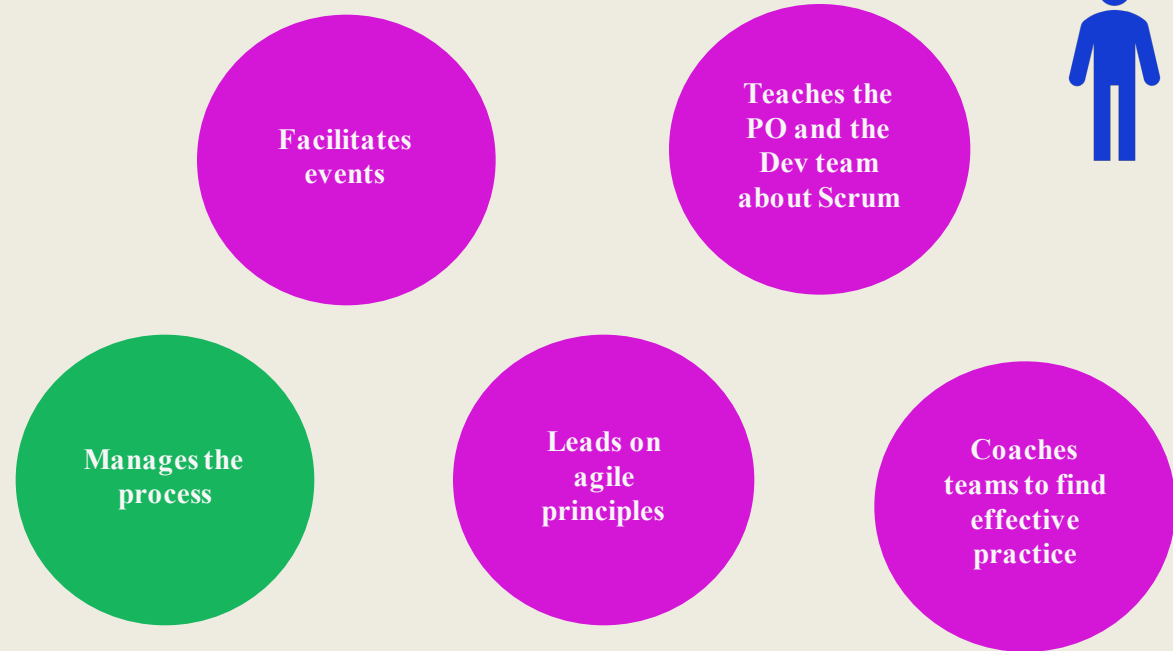


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Where was the Scrum Master?



Where was the Scrum Master?



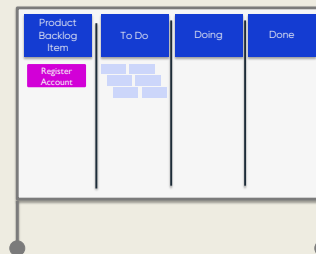
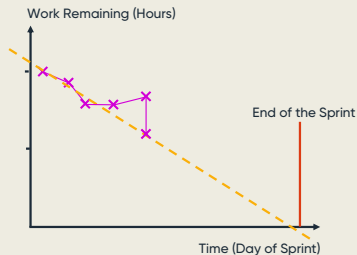
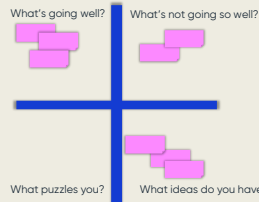
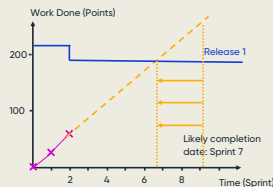
Exercise: How does this compare?

Product Backlog

	5
	8
	5
	5
	21
	13
	5
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	21
	13
	55
	21
	13

How does this situation compare with your team?

Add to your list from the last exercise, noting any differences or missing pieces



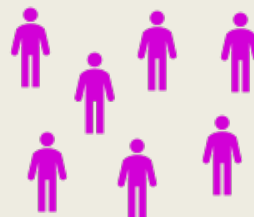
Scrum Master



2 minutes

Product Owner

Development Team



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Q&A



Putting it into action

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If you're starting a new team

Who should carry out the roles?

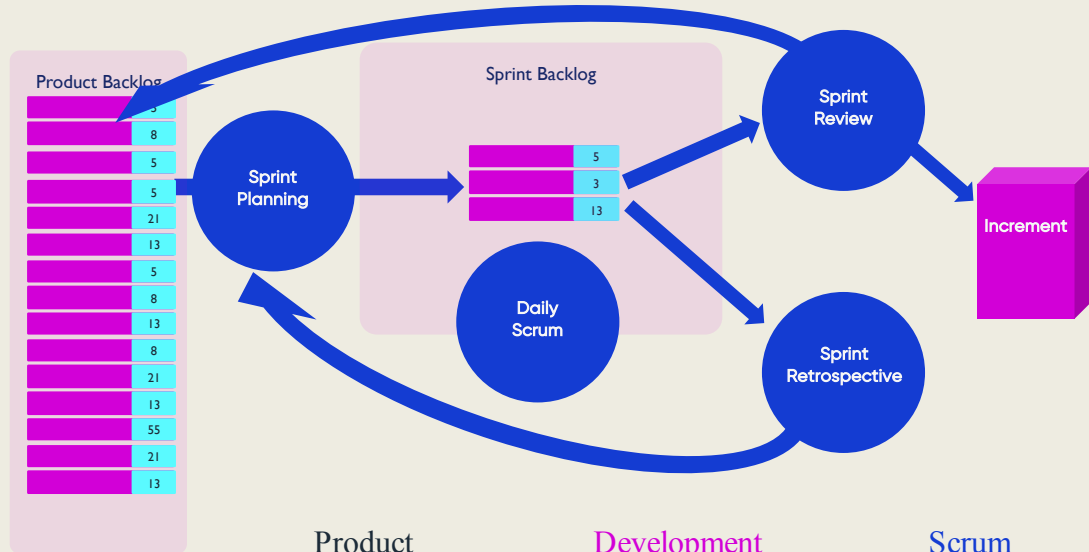
Scrum Master
Product Owner
Dev Team

How will we express the artefacts?

Product Backlog
Sprint Backlog
Increment

When / where will our events be?

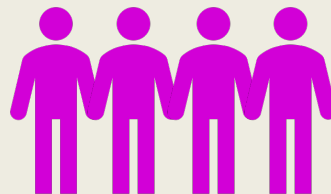
Sprint length and start date
Time of the daily scrum



Product
Owner



Development
Team



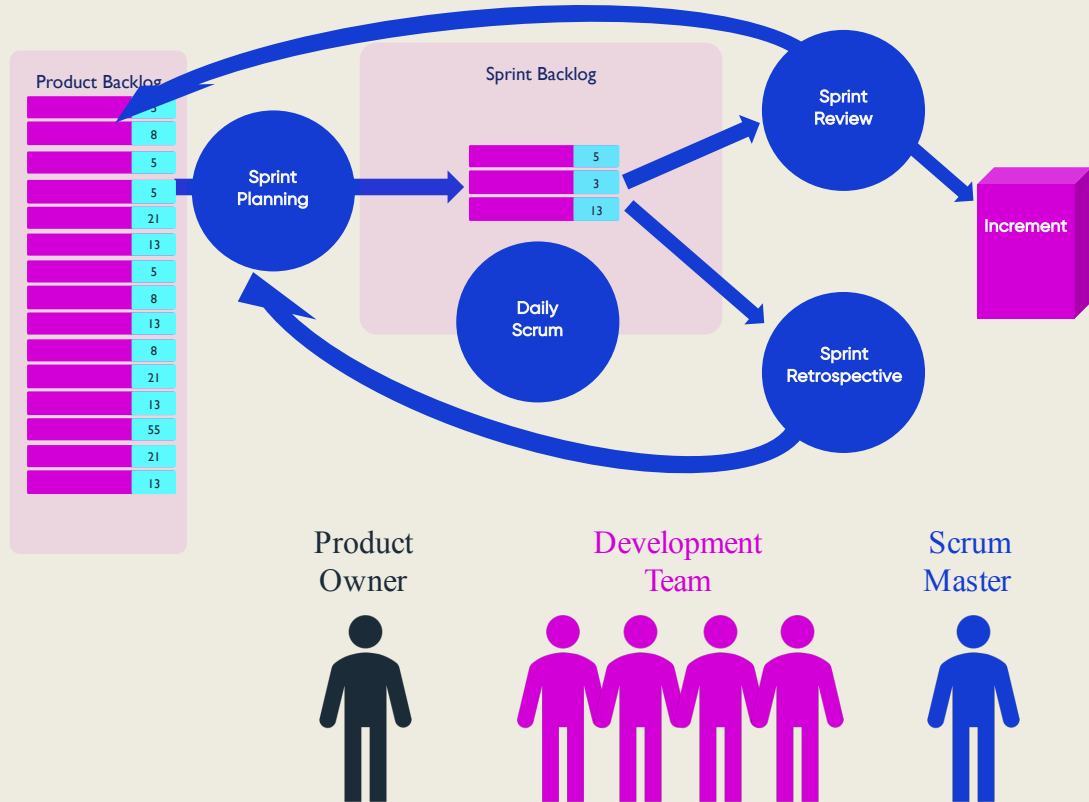
Scrum
Master



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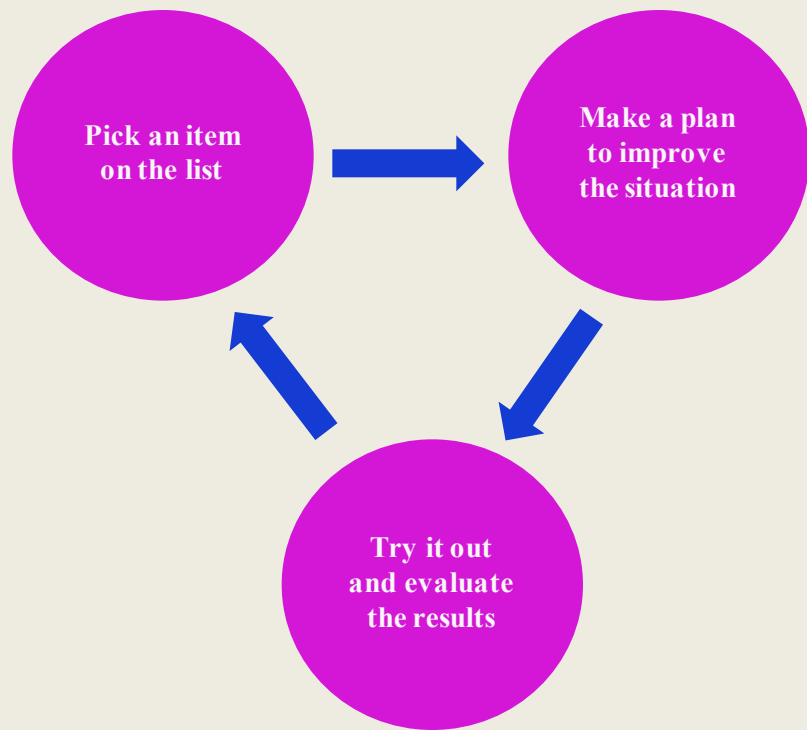
Now, review your list

- ☐ We have three different lists of requirements – they all need to be in one product backlog
- ☐ Our daily scrum takes 45 minutes
- ☐ Nobody from the business ever attends sprint reviews
- ☐ Retrospectives are always being cancelled to prioritise urgent deadlines



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Q&A



agility.im

Agility in Mind Limited

48 New Park Street

Devizes

Wiltshire SN10 1DS

United Kingdom

+44 0330 043 0143